Archives
S
89
.E21
no. 464

464 August, 1959

NEW HAMPSHIRE
AGRICULTURAL EXPERIMENT STATION

Department of Agronomy

# Results of Seed Tests for 1959

Made for the
NEW HAMPSHIRE DEPARTMENT OF AGRICULTURE

by BESSIE G. SANBORN

THE UNIVERSITY OF NEW HAMPSHIRE
DURHAM, N. H.

SHOUT
SHARE
IT

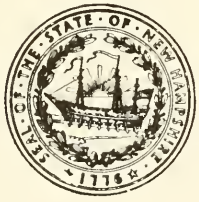
Bulletin 464 August, 1959

NEW HAMPSHIRE
AGRICULTURAL EXPERIMENT STATION

Department of Agronomy

# Results of Seed Tests for 1959

Made for the
NEW HAMPSHIRE DEPARTMENT OF AGRICULTURE




by BESSIE G. SANBORN

THE UNIVERSITY OF NEW HAMPSHIRE
DURHAM, N. H.

RESULTS OF SEED TESTS
Made July 1, 1958, to June 30, 1959

---

This report contains the results of the seed inspection work for the State Department of Agriculture of 751 official samples collected throughout the state during the period from July 1, 1958, to June 30, 1959, by Mr. George H. Laramie, Control Supervisor, and Mr. Durwood French, inspector. In addition to these official samples, 805 private samples were analyzed, making a total of 1556 samples inspected.

Wholesalers are listed in alphabetical order. The New Hampshire seed law requires that both agricultural and vegetable seeds must be labeled with the calendar month and year when last tested for germination, and requires that this germination test shall have been completed within nine months of being offered for sale. In the following tables, if the date of test was within the prescribed nine months, the sample is marked satisfactory, "S" in this respect; if no date was given, the word "None" appears indicating a violation; if the date was a violation of the law because the test was not made within nine months, the date given on the tag or label appears in that column.

The first part of the report deals with 248 samples of agricultural seed tested for purity, germination and noxious weed content. There is a tolerance or allowable variation from the guarantee for both purity and germination, in accordance with the Rules for Seed Testing adopted by the Association of Official Seed Analysts. If a sample when tested for purity falls within the allowable variation, it is marked "S" (satisfactory); if below the allowable variation, and therefore a violation, the actual figure found for purity is given. The same is true for germination in the case of agricultural seeds.

The second part of the report applies to 503 samples of vegetable seeds which were tested for germination only. The New Hampshire seed law requires that unless each packet or other container is plainly marked "Below Standard" together with the percentage of germination, vegetable seeds must test up to the prescribed standard for that kind of seed, and that there is no tolerance from the adopted standards. In the column headed "Found" if the same was up to standard, an "S" (satisfactory) appears. The exception to this is in the case of a given sample being marked with a guarantee, which is not required if vegetable seed is up to standard; then, if the seed is found to be below the regular tolerance from that guarantee figure, the figure found upon test followed by # is listed as "mislabeled" even though it might in some cases be up to standard.

The New Hampshire seed law and the rules and regulations thereunder, including the germination standards for vegetable seed, follow:

STATE OF NEW HAMPSHIRE

CHAPTER 434 RSA

AN ACT

To Regulate the Labeling, Sale and Offering or Exposing for Sale, of Agricultural and Vegetable Seeds.

## Agricultural and Vegetable Seeds

1. Definitions. Terms used in this chapter shall be construed as follows:

I. The term "agricultural seeds" shall include the seeds of grass, forage, cereal and fiber crops and any other kinds of seeds commonly recognized within this state as agricultural or field seeds, and mixtures of such seeds.

II. The term "vegetable seeds" shall include the seeds of those crops which are grown in gardens or on truck farms and are generally known and sold under the name of vegetable seeds in this state.

III. The term "weed seeds" shall include the seeds of all plants generally recognized as weeds within this state, and shall include noxious weed seeds.

IV. Noxious weed seeds shall be divided into two classes, "primary noxious weed seeds" and "secondary noxious weed seeds" as herein defined; provided, that the commissioner of agriculture may add to or subtract from the list of seeds included under either definition whenever he finds that such additions or subtractions are within the respective definitions.

V. "Primary noxious weed seeds" shall include the seeds of perennial weeds such as those that reproduce and spread by underground roots or stems as well as by seed and which, when established, are highly destructive and difficult to control in this state by ordinary good cultural practice. Primary noxious weed seeds in this state are the seeds of: Canada thistle (Cirsium arvense), field bindweed (Convolvulus arvensis), and quackgrass (Agropyron repens).

VI. "Secondary noxious seed seeds" shall include the seeds of such weeds as are objectionable in field, lawns, or gardens of this state, but can be controlled by good cultural practices. The secondary noxious weed seeds in this state are the seeds of: dodder (Cuscuta spp.) and crab grass (Digitaria sanguinalis).

VII. The term "labeling" includes all labels, and other written, printed, or graphic representations, in any form whatsoever, accompanying and pertaining to any seed whether in bulk or in containers, and includes invoices.

VIII. The term "advertisement" means all representations, other than those on the label, disseminated in any manner or by any means, relating to seed within the scope of this chapter.

2. Label Requirement. Each separate container of agricultural or vegetable seed, including seeds in small packets, which is sold, offered for sale, or exposed for sale, within this state for sowing purposes shall bear thereon or have attached thereto in a conspicuous place a plainly written or printed label or tag in the English language, giving the information as set forth in sections 3 and 4.

3. Agricultural Seeds. For agricultural seeds the following is required:

I. Commonly accepted name of kind, or kind and variety, of each agricultural seed component in excess of five per cent of the whole and the percentage by weight of each. Where more than one component is required to be named, the word "mixture" or "mixed" shall be associated with the name on the label.

II. Lot number or other lot identification.

III. Origin, if known, of alfalfa, red clover and field corn (except hybrid corn). If the origin is unknown, that fact shall be stated.

IV. Percentage by weight of all weed seeds, including those known as noxious weeds.

V. If present, the names of the kinds of secondary noxious-weed seeds and the rate of occurrence of each: (A) Per ounce in Agrostis spp., Poa spp., Rhodes grass, Bermuda grass, timothy, orchard grass, fescues, alsike and white clover, reed canary grass, Dallis grass, ryegrass, foxtail millet, crimson clover, Brassica spp., flax, Agropyron spp., and other agricultural seeds of similar size and weight, or mixture within this group, and

(B) Per pound in proso, Sudan grass, wheat, oats, rye, barley, buckwheat, sorghums, vetches, and other agricultural seeds of a size and weight similar to or greater than those within this group, or any mixtures within this group. All determinations of noxious-weed seeds shall be subject to tolerances and methods of determination prescribed in the rules and regulations under this chapter.

VI. Percentage by weight of agricultural seeds other than those required to be named on the label.

VII. Percentage by weight of inert matter.

VIII. For each named agricultural seed, percentage of germination, exclusive of hard seed, percentage of hard seed, if present, and the calendar month and year the test was completed to determine such percentages.

IX. Name and address of the person who labeled said seed, or who sells, offers, or exposes said seed for sale within this state.

4. Vegetable Seeds. For vegetable seeds, the following is required:

I. Name of kind and variety of seeds, and the calendar month and year when last tested for germination.

II. For seeds which germinate less than the standard last established by the commissioner of agriculture hereunder, and in type not smaller than ten point size: percentage of germination exclusive of hard seed; percentage of hard seed, if present; and the words, "below standard."

III. Name and address of the person who labeled said seed, or who sells, offers or exposes said seed for sale within the state.

5. Illegal Sales. It shall be unlawful for any person to sell, offer for sale or expose for sale any agricultural or vegetable seed within this state:

I. Unless the test to determine the percentage of germination required by sections 3 and 4 shall have been completed within a nine-month period, exclusive of the calendar month in which the test was completed, immediately prior to sale, exposure for sale, or offering for sale or transportation.

II. Not labeled in accordance with the provisions hereof, or having a false or misleading labeling.

III. Pertaining to which there has been a false or misleading advertisement.

IV. Any agricultural seeds containing any primary noxious weed seeds except as may be allowed under tolerances prescribed in the rules and regulations hereunder.

6. Prohibitions. It shall be unlawful for any person within this state:

I. To detach, alter, deface or destroy any label provided for herein or the rules and regulations made and promulgated hereunder, or to alter or substitute seed, in a manner that may defeat the purposes hereof.

II. To disseminate any false or misleading advertisement concerning agricultural or vegetable seed in any manner or by any means.

III. To hinder or obstruct in any way any authorized person in the performance of his duties hereunder.

IV. To fail to comply with a "stop sale" order.

7. Exemptions. The provisions of sections 2 to 6, inclusive, do not apply to seed or grain not intended for sowing purposes, nor to seed in storage in, or consigned to, a seed cleaning or processing establishment for cleaning or processing, provided, that any labeling or other representation which may be made with respect to the unclean seed shall be subject to the provisions hereof.

8. Exceptions. No person shall be subject to the penalties hereof for having sold, offered or exposed for sale in this state any agricultural or vegetable seeds, which were incorrectly labeled or represented as to kind, variety, or origin which seeds cannot be identified by examinations thereof,

unless he has failed to take all proper precautions to insure the identity to be that stated in accordance with rules and regulations hereunder.

9. Duties and Authority of Commissioner of Agriculture. The commissioner of agriculture, who may act through his authorized agents, shall have the power:

I. To sample, inspect, make analyses of, and test, agricultural and vegetable seeds transported, sold, offered or exposed for sale within this state for sowing purposes, at such time and place and to such extent as he may deem necessary to determine whether said agricultural or vegetable seeds are in compliance with the provisions hereof, and to notify promptly the person who transported, sold, offered or exposed the seed for sale, of any violation.

II. To prescribe, and after public hearing to adopt, rules and regulations governing the methods of sampling, inspecting, analysis, tests, and examination of agricultural and vegetable seed, and the tolerances to be followed in the administration hereof, which shall be in general accord with officially prescribed practice in interstate commerce, and such other rules and regulations as may be necessary to secure the efficient enforcement hereof.

III. To enter upon any public or private premises during regular business hours in order to have access to seeds subject to this chapter and the rules and regulations promulgated hereunder.

IV. To issue written or printed "stop sale" orders which shall prohibit further sale of any lot of agricultural or vegetable seed which the commissioner has reason to believe is in violation of any of the provisions hereof until the law has been complied with or said violation otherwise legally disposed of: Provided, that no "stop sale" order shall be issued or attached to any lot of seed without first giving the owner or custodian of such seed an opportunity to comply with the law or to withdraw the seed from sale.

V. To establish and maintain or make provision for seed testing facilities, to employ qualified persons, and to incur such expenses as may be necessary to comply with these provisions.

VI. To make or provide for making purity and germination tests of seeds for farmers and dealers on request; to prescribe rules and regulations governing such testing; and to fix and collect charges for the tests made. All fees collected hereunder shall be paid over by the commissioner to the state treasurer who shall keep the same in a special fund to be used only for the purposes of this chapter.

VII. To co-operate with the United States Department of Agriculture in seed law enforcement.

10. Seizure. Upon the recommendation of the commissioner of agriculture or his duly authorized agents, the court of competent jurisdiction in the area in which the seed is located shall cause the seizure and subsequent denaturing, processing, or destruction to prevent the use for sowing purposes of any lot of agricultural or vegetable seed found to be unfit for sowing purposes: Provided, that in no instances shall the denaturing, processing,

or destruction be ordered without first having given the claimant of said seed an opportunity to apply to said court for the release of said seed.

11. Penalties. Whoever violates any of the provisions of this chapter or any rule or regulation promulgated hereunder shall be fined not exceeding one hundred dollars for the first offense and not exceeding two hundred and fifty dollars for each subsequent offense. Fines collected hereunder shall be paid, by the court collecting the same, to the commissioner of agriculture and by him forwarded to the state treasurer for the use of the state.

12. Publication. The commissioner of agriculture shall publish, or cause to be published, the results of test and analyses of samples of agricultural and vegetable seeds, as herein provided, together with the names and addresses of the persons from whom the samples of seed were obtained. He may publish such other information as he may deem advisable concerning the value, character and use of certain seeds.

13. Takes Effect. This act shall take effect upon its passage. Approved March 10, 1943.

Sampling

(a) In order to secure a representative sample, equal portions shall be taken from evenly distributed parts of the quantity of seed to be sampled. Access shall be had to all parts of that quantity.

(b) For free-flowing seed bags or bulk, a probe or trier shall be used. For small free-flowing seed in bags, a probe or trier long enough to sample all portions of the bag should be used.

(c) Non-free-flowing seed, such as certain grass seed, uncleaned seed, or screenings, difficult to sample with a probe or trier, shall be sampled by thrusting the hand into the bulk and withdrawing representative portions.

(d) The portions shall be combined into a composite sample or samples.

(e) As the seed is sampled, each portion shall be examined, and whenever there appears to be a lack of uniformity, additional samples shall be taken to show such lack of uniformity as may exist.

Bulk seeds shall be sampled by inserting a long probe or thrusting the hand into the bulk as circumstances require in several uniformly distributed parts of the quantity being sampled.

Bags. (1) In quantities of five bags or less, each bag shall be sampled.

(2) In quantities of more than five bags, at least every fifth bag but not less than five bags shall be sampled. Samples shall be drawn from unopened bags except under circumstances where the identity of the seed has been preserved.

In sampling packet seeds, entire unopened packets shall be taken.

Size of sample. The following are minimum weights of samples of seed to be submitted for analysis, test, or examination:

(1) Two ounces of grass seed not otherwise mentioned, white or alsike clover, or seeds not larger than these.

(2) Five ounces of red or crimson clover, alfalfa, ryegrass, bromegrasses, millet, flax, rape, or seeds of similar size.

(3) Two pounds of cereals, vetches, or seeds of similar or larger size.

(4) Two quarts of screenings.

Analysis

The New Hampshire seed laboratory will be guided in making purity and germination tests by the rules and regulations prescribed under the Federal Seed Act.

Tolerance

Owing to the natural variation between tests, the following tolerances shall be allowed between the percentages found by analysis, test or examination and the percentages stated on the tag accompanying the seed.

For purity: Allowing "a" to represent the component being considered and "b" the difference between that percentage and 100, according to the following formula:

$$\text{Pure seed tolerance} = 0.6 \pm \left( 0.2 \times \frac{a \times b}{100} \right)$$

a sample of timothy guaranteed 99.20% could test as low as 98.40% and be "satisfactory."

For germination: The following tolerances are applicable:

| Mean: | Tolerance |
|---|---|
| 96 or over | 5 |
| 90 or over but less than 96 | 6 |
| 80 or over but less than 90 | 7 |
| 70 or over but less than 80 | 8 |
| 60 or over but less than 70 | 9 |
| Less than 60 | 10 |

Therefore, a sample of seed guaranteed 85% for germination may be as low as 78% and be "satisfactory."

For weed seeds: The law requires in the labeling of agricultural seed (1) that the percentage of all weed seeds present shall be shown on the tag (2) that no primary noxious weed seeds shall be present in the sample, and (3) that, if present, the names of the kinds of secondary noxious weed seed and the rate of occurrence of each shall be stated: (A) Per ounce in Agrostis spp., Poa spp., Rhodes grass, Bermuda grass, timothy, orchard grass fescues, alsike and white clover, reed canary grass, Dallis grass, ryegrass, foxtail millet, crimson clover, Brassica spp., flax, Agropyron, spp., and other agricultural seeds of similar size and weight, or mixtures within this group, and

(B) Per pound in proso, Sudan grass, wheat, oats, rye, barley, buckwheat, sorghums, vetches, and other agricultural seeds of a size and weight similar to or greater than those within this group or any mixtures within this group.

Certain tolerances are allowed, however, to provide for variation and unavoidable errors, but only within very narrow limits and for which there is always a standard formula for computation. Examples: (1) Timothy guaranteed only 2 per cent weed seeds will not be condemned if it has a 2.59 per cent. (2) No primary noxious weed seeds are allowed, but the presence of two such seeds in 50 grams of timothy would not be considered a violation. (3) Similarly, some slight variation from the minimum requirement for labeling secondary noxious weed seeds will be passed as satisfactory.

## Free Testing

The Seed Testing Laboratory will allow two free tests, in a given year, to any resident company or person of New Hampshire, but such seeds must be received in the laboratory during the months of October, November, December and January. This number of samples, not including mixtures, may be analyzed either for purity or for germination, or one sample for both purity and ger-

mination, free of charge. A given seed company will be entitled to two private tests without charge, but not two from each branch store. For numbers in excess of two, a charge will be made for labor and consumable supplies only, the amount depending on the type of sample according to the following schedule:

Germination tests of all vegetable seeds, 30 cents;

Germination tests of all agricultural crop seeds and grasses, 50 cents;

Germination tests of mixtures, 50 cents for each kind of seed present;

Purity analyses of cereals, timothy and larger crop seeds and legumes, $1.00;

Purity analyses of small grasses, $2.00; unhulled redtop, $2.50;

Purity analyses of mixtures, including those for lawn and pasture seeding, a charge sufficient to cover the actual cost of working the sample submitted for test, minimum charge of $2.50.

Such private samples of seed to be tested should be drawn in such a way as to be representative of the bulk lot from which they are taken, and should be addressed to the State Seed Testing Laboratory, Durham, New Hampshire. Such private tests cannot be declared as state official tests unless drawn by a representative of the department of agriculture, as provided in Chapter 434 RSA. Fees must be paid before reports will be sent out.

The minimum weights of samples to be submitted for analyses are:

1. Two ounces of grass seed, white or alsike clover, or seeds not larger than these.

2. Five ounces of red or crimson clover, alfalfa, rye grasses, millet, rape, or seeds of similar size.

3. One pound of cereal, vetches or seeds of similar or larger size.

The minimum number of seeds of any one kind to be submitted for a germination test is 400.

Germination Standards for Vegetable Seed

Following are the germination standards established by the commissioner of agriculture pertaining to Section four of the act entitled Vegetable Seeds.

| | | | |
|---|---|---|---|
| Artichoke | 60 | Brussels sprouts | 70 |
| Asparagus, including hard seeds | 70 | Cabbage | 75 |
| Beans, garden (varieties other than Rival, Topcrop and Logan) | 75 | Chinese cabbage | 75 |
| Beans, garden (varieties Rival, Topcrop and Logan) | 70 | Carrot | 55 |
| Beans, horse or broad | 75 | Cauliflower | 75 |
| Beans, lima | 70 | Celery and celeriac | 55 |
| Beans, runner | 75 | Chicory | 65 |
| Beets | 65 | Citron | 65 |
| Broccoli | 75 | Collards | 80 |
| | | Corn | 75 |
| | | Cress, garden | 60 |
| | | Cress, water | 40 |
| | | Cucumber | 80 |

| | | | |
|---|---|---|---|
| Dandelion | 45 | Pumpkin | 75 |
| Eggplant | 60 | Radish | 75 |
| Endive | 70 | Rhubarb | 60 |
| Fetticus (cornsalad) | 70 | Rutabaga | 75 |
| Kale | 75 | Salsify | 75 |
| Kohlrabi | 75 | Sorrel | 60 |
| Leek | 60 | Soybean | 75 |
| Lettuce | 80 | Spinach (except New Zealand) | 60 |
| Muskmelon | 75 | Spinach (New Zealand) | 40 |
| Mustard | 75 | Squash | 75 |
| Okra | 50 | Swiss Chard | 65 |
| Onion | 70 | Tomato | 75 |
| Parsley | 60 | Tomato, husk | 50 |
| Parsnip | 60 | Turnip | 80 |
| Peas | 80 | Watermelon | 70 |
| Pepper | 55 | | |

Labeling

The following labels are suggested as meeting the minimum requirements of the New Hampshire seed law.

Example for unmixed agricultural seed:

John F.Doe Company
Greene, N.H.

Alsike Clover

| | |
|---|---|
| Pure seed | 98.65 |
| Crop seed | .86 |
| Weeds | .38 |
| Inert matter | .11 |

Origin Idaho

1 dodder per oz.

Lot No. 243

| | |
|---|---|
| Germination | 80% |
| Hard seeds | 7 |

Date of test Jan. (current year)*

Example for mixed agricultural seed:

John F. Doe Company
Greene, N.H.

Grass seed, mixed

Lot No. 0236

| Purity: | | Germination: | |
|---|---|---|---|
| Perennial rye grass | 32.23% | 92.5% | Jan. (current year)* |
| Chewings fescue | 18.08 | 85.0% | Jan. (current year)* |
| Kentucky bluegrass | 14.75 | 80.0% | Jan. (current year)* |
| Canada bluegrass | 15.37 | 58.5% | Jan. (current year)* |
| Creeping bent | 14.20 | 84.0% | Jan. (current year)* |
| Crop seed | .61 | | |
| Weed seed | 2.07 | | |
| Inert matter | 2.69 | | |

5 Crabgrass per oz.

Example for vegetable seed:

| | |
|---|---|
| (Up to standard) | New York Lettuce<br>John Smith, Dale, Ill.<br>Date of germination test: Feb. (cur. yr.)* |
| (For vegetable seed which germinates less than standard) | New York Lettuce<br>John Smith, Dale, Ill.<br>Date of germination test: Feb. (cur. yr.)*<br>Germination 75%<br>BELOW STANDARD |

The law states that "each separate container of agricultural or vegetable seed, including seeds in small packets, shall be labeled"; but if a dealer has bulk lots of seeds exposed for sale and these bulk lots are properly labeled, he shall not be required to copy the information from the label on to each individual bag in which he delivers small lots of this bulk seed over the counter to customers.

---

* "Current year in this sample labeling means the month and year of the last germination test which must be stated and be within nine (9) months of the date the seeds are offered or exposed for sale. See par. 5 Section 1 of the law itself."

New Hampshire Experiment Station

AGRICULTURAL SEED INSPECTION, 1959

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | | Pure Seed (Note) | Other Crop Seed (Note) | Weed Seed (Note) | Inert Matter (Note) | Germination (Note) | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| ALLEN, STERLING & LOTHROP, Portland, Maine | | | | | | | | | |
| Conway Grain Store, Conway | | | | | | | | | |
| Bluegrass, Kentucky, 032851 . . . . . | 8328 | S | L | 85.10 | .10 | .20 | 14.60 | 75 | |
| | | | F | S | S | S | S | S | |
| Buckwheat, 1067 . . . . . | 8325 | S | L | 99.94 | .02 | .01 | .03 | 90 | |
| | | | F | S | S | S | S | S | |
| Ladino clover, 0269 . . . . . | 8326 | S | L | 99.80 | .05 | .10 | .05 | 96 | |
| | | | F | S | S | S | S | S | |
| Rye, Winter, 39 . . . . . | 8330 | S | L | 99.32 | | | | 90 | |
| | | | F | S | S | S | S | S | |
| Timothy, 1427 . . . . . | 8327 | S | L | 99.60 | .05 | .06 | .29 | 86 | |
| | | | F | S | S | S | S | S | |
| White Dutch clover, 026261 . . . . . | 8329 | S | L | 99.00 | .10 | .13 | .20 | 83 | |
| | | | F | S | S | S | S | S | |
| Stone's Hardware, Gorham | | | | | | | | | |
| Alsike clover, 038648 . . . . . | 8460 | S | L | 99.40 | .15 | .10 | .35 | 90 | |
| | | | F | S | S | S | S | S | |
| Red clover, 24567 . . . . . | 8459 | S | L | 99.58 | .18 | .04 | .20 | 92 | |
| | | | F | S | S | S | S | 79 | Germination below guarantee. |
| Redtop, 41760 . . . . . | 8458 | S | L | 93.60 | .80 | .80 | 4.80 | 90 | |
| | | | F | S | S | S | S | S | |
| Ryegrass, 038648 . . . . . | 8461 | S | L | 99.70 | .02 | .04 | .24 | 95 | |
| | | | F | S | S | S | S | S | |

*As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation. Note: L= Label; F= Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation.

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Pure Seed (Note) | Other Crop Seed (Note) | Weed Seed (Note) | Inert Matter (Note) | Germination (Note) | Remarks |
|---|---|---|---|---|---|---|---|---|
| E. W. BAILEY & CO.,INC., Montpelier, Vt.<br>E. W. Bailey & Co., Colebrook | | | | | | | | |
| Oats, (Variety Unknown), 59-A . . . . . | 8499 | S | L 97.80<br>F S | 1.50<br>S | .50<br>S | .20<br>S | 95<br>S | |
| M. L. BARBOUR & SON, Yarmouth, Maine<br>N.H. State Hospital, Concord | | | | | | | | |
| Corn, Mass. 63, 71466 . . . . . | 8134 | S | L 99.50<br>F S | S | S | .50<br>S | 90<br>S | |
| THE BEIT SEED CO., Baltimore, Md.<br>N.H. State Hospital, Concord | | | | | | | | |
| Alfalfa, Vernal, 389 . . . . . | 8133 | S | L 99.62<br>F S | S | .07<br>S | .31<br>S | 81<br>S | |
| Birdsfoot Trefoil, Empire, 3239 . . . . | 8130 | S | L 99.23<br>F S | .68<br>S | .05<br>S | .04<br>S | 56<br>S | |
| Ladino Clover, Bluetag, 4915 . . . . . | 8132 | S | L 99.70<br>F S | S | .22<br>S | .08<br>S | 70<br>S | |
| Red Clover, Medium, 191 . . . . . | 8131 | S | L 99.70<br>F S | .10<br>S | .16<br>S | .04<br>S | 82<br>68 | Germination below guarantee. |
| THE CRAVER-DICKINSON SEED CO., Buffalo, N.Y.<br>Merrimack Farmers' Exchange,Inc.,Concord | | | | | | | | |
| Barley, Certified Erie, 71-311 . . . . | 8337 | S | L 99.43<br>F S | S | .01<br>S | .56<br>S | 95<br>S | |
| Red Clover, Cert. Pennscott, 24-573 . . | 8338 | S | L 99.60<br>F S | .02<br>S | .22<br>S | .16<br>S | 90<br>S | |
| ARTHUR R. CONE, INC., Buffalo, N.Y.<br>Beacon Grain Store, Dover | | | | | | | | |
| Alfalfa, Cert. Ranger, 28-859 . . . . . | 8184 | S | L 99.90<br>F S | S | S | .10<br>S | 95<br>S | |
| Timothy, 10X585 . . . . . | 8185 | S | L 99.50<br>F S | .05<br>S | .30<br>S | .15<br>S | 85<br>S | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Elm City Grain Co., Keene | | | | | | | |
| Alfalfa, Narragansett, 28-855 . . . . . | 8177 | S | L 99.92 | | | .08 | 83 |
| | | | F S | S | S | S | S |
| Alsike clover, 25-666 . . . . . | 8171 | S | L 99.45 | .40 | .10 | .05 | 80 |
| | | | F **S** | S | S | S | S |
| Barley, Moore, 52-409 . . . . . | 8182 | S | L 99.94 | .01 | .01 | .04 | 96 |
| | | | F S | S | S | S | S |
| Bentgrass, Highland Colonial, 40-98 . . | 8175 | S | L 99.60 | .13 | .04 | .23 | 85 |
| | | | F S | S | S | S | S |
| Bluegrass, Canada, 37-80 . . . . . | 8176 | S | L 81.81 | 4.59 | .20 | 13.40 | 81 |
| | | | F S | S | S | S | S |
| Bluegrass, Kentucky, 34-294 . . . . . | 8178 | S | L 85.00 | .25 | | 14.75 | 79 |
| | | | F S | S | S | S | S |
| Corn, Certified Michigan 250 Hybrid, 84X 792 . . . . . | 8166 | S | L 99.00 | | | 1.00 | 97 |
| | | | F S | S | S | S | S |
| Corn, Certified Cornell M-4 Hybrid, 84 T 843 . . . . . | 8167 | S | L 99.80 | | | .20 | 97 |
| | | | F S | S | S | S | S |
| Corn, Yellow Sweepstakes, 80-677 . . . | 8168 | S | L 99.00 | | | 1.00 | 90 |
| | | | F S | S | S | S | S |
| Corn, Certified Wisconsin 335A Hybrid, 84 T 856 . . . . . | 8169 | S | L 99.96 | | | .04 | 97 |
| | | | F S | S | S | S | S |
| Corn, Certified Mass 63 Hybrid, 84 T 842 . . . . . | 8170 | S | L 99.93 | | | .07 | 95 |
| | | | F S | S | S | S | S |
| Fescue, Red, Reg. Pennlawn, 36-239 . . | 8181 | S | L 99.44 | | | .56 | 93 |
| | | | F S | S | S | S | S |

*As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation. Note: L= Label; F= Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation.

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested * | Pure Seed (Note) | Other Crop Seed (Note) | Weed Seed (Note) | Inert Matter (Note) | Germination (Note) | Remarks |
|---|---|---|---|---|---|---|---|---|
| ARTHUR R. CONE, INC., Buffalo, N.Y.<br>Elm City Grain Co., Keene (continued) | | | | | | | | |
| Orchard Grass, 33-126 . . . . . | 8179 | S | L 90.00<br>F S | .93<br>S | .57<br>S | 8.50<br>S | 88<br>S | |
| Red clover, Mammoth, 20-364 . . . . . | 8173 | S | L 99.32<br>F S | .48<br>S | .16<br>S | .04<br>S | 80<br>S | |
| Red clover, Pennscott, 15-247 . . . . | 8174 | S | L 99.84<br>F S | .08<br>S | .08<br>S | S | 73<br>S | |
| Sorghum, Leoti, 71-51 . . . . . | 8183 | S | L 98.00<br>F S | .50<br>S | S | 1.50<br>S | 85<br>S | |
| Wheat, Reg. No. 1 Selkick, 54 T 656 . | 8180 | S | L 99.85<br>F S | S | S | .15<br>S | 90<br>S | |
| White clover, 32-191 . . . . . | 8172 | S | L 99.17<br>F S | .25<br>S | .30<br>S | .28<br>S | 71<br>S | |
| Goodwin Feed & Supply, Portsmouth | | | | | | | | |
| Red clover, Medium, 15-212 . . . . . | 8138 | S | L 99.42<br>F S | .16<br>S | .02<br>S | .40<br>S | 89<br>S | |
| F. B. Spaulding Co., Lancaster | | | | | | | | |
| Alfalfa, Cert. Vernal, 28-875 . . . . | 8446 | S | L 99.81<br>F S | S | S | .19<br>S | 80<br>S | |
| Oats, Clintland, 50-912 . . . . . | 8449 | S | L 99.75<br>F S | S | S | .25<br>S | 90<br>S | |
| Wayne Feed & Supply Co., Manchester | | | | | | | | |
| Alfalfa, Ranger, 28-848 . . . . . | 8256 | S | L 99.80<br>F S | S | S | .20<br>S | 88<br>S | |
| Bentgrass, Highland Colonial, 40-91 . | 8249 | S | L 99.40<br>F S | .08<br>S | .04<br>S | .48<br>S | 50<br>S | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Hungarian millet, 70x8 . . . . . | 8252 | S | L 99.36 | .06 | .42 | .16 | 86 | |
| | | | F S | S | S | S | S | |
| Japanese millet, 90x515 . . . . . | 8253 | S | L 98.97 | | .83 | .20 | 82 | |
| | | | F S | S | S | S | S | |
| Oats, Garry, 50 x 859 . . . . . | 8257 | S | L 99.80 | | | .20 | 90 | |
| | | | F S | S | S | S | S | |
| Red clover, Medium, 15-246 . . . . . | 8248 | S | L 99.62 | .34 | | .04 | 71 | Purity below guarantee. Other crop seeds excessive. |
| | | | F 98.82 | 1.09 | S | S | S | |
| Redtop, 30-303 . . . . . | 8254 | S | L 92.32 | .40 | .24 | 7.04 | 90 | |
| | | | F S | S | S | S | S | |
| Ryegrass, Common, 39-188 . . . . . | 8255 | S | L 99.00 | | .35 | .65 | 90 | |
| | | | F S | S | S | S | S | |
| Timothy, 10 x 584 . . . . . | 8258 | S | L 99.60 | .25 | .10 | .05 | 85 | |
| | | | F S | S | S | S | S | |
| White Dutch clover, 32 x 193 . . . . | 8250 | S | L 95.65 | 3.75 | .28 | .32 | 64 | |
| | | | F S | S | S | S | S | |
| White Dutch clover, 32-186 . . . . . | 8251 | S | L 99.50 | .30 | .05 | .15 | 62 | |
| | | | F S | S | S | S | S | |
| Wayne Feed & Supply Co., West Lebanon | | | | | | | | |
| Birdsfoot Trefoil, Empire, 42 x 276 . | 8288 | S | L 98.90 | .10 | .70 | .30 | 67 | |
| | | | F S | S | S | S | S | |
| Bromegrass, Southern, 43-132 . . . . | 8293 | S | L 85.00 | .10 | 1.50 | 13.40 | 80 | |
| | | | F S | S | S | S | S | |
| Buckwheat, Mixed, 58 x 287 . . . . . | 8294 | S | L 99.65 | | .15 | .20 | 90 | |
| | | | F S | S | S | S | S | |
| Field Peas, Canada, 60-62 . . . . . | 8290 | S | L 99.50 | .10 | | .40 | 82 | |
| | | | F S | S | S | S | S | |

*As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation. Note: L= Label; F= Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation.

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Pure Seed (Note) | Other Crop Seed (Note) | Weed Seed (Note) | Inert Matter (Note) | Germination (Note) | Remarks |
|---|---|---|---|---|---|---|---|---|
| ARTHUR R. CONE, INC., Buffalo, N.H.<br>Wayne Feed & Supply Co.,West Lebanon (continued) | | | | | | | | |
| Ladino clover, Cert. 35-189 . . . . . | 8295 | S | L 99.93<br>F S | .01<br>S | .05<br>S | .01<br>S | 87<br>S | |
| Redtop, 30-323 . . . . . | 8289 | S | L 93.84<br>F S | .12<br>S | .64<br>S | 5.40<br>S | 85<br>S | |
| Ryegrass, Perennial B.T., 39-201 . . . | 8296 | S | L 99.57<br>F S | <br>S | .37<br>S | .06<br>S | 97<br>S | |
| Sudan Grass, Common, 72-4 . . . . . | 8291 | S | L 98.00<br>F S | 1.00<br>S | <br>S | 1.00<br>S | 82<br>S | |
| Vetch, Spring, 70-40 . . . . . | 8292 | S | L 98.69<br>F 88.90 | .24<br>7.82 | .01<br>2.21 | 1.06<br>S | 88<br>S | Should be labeled "Mixture"; 5.89% Hairy vetch found. Pure seed below guarantee; other crop & weed seeds excessive. |
| THE ALBERT DICKINSON CO., Chicago, Ill.<br>Merrimack Farmers' Exchange Inc.,Concord | | | | | | | | |
| Alfalfa, Vernal, 028217 . . . . . | 8036 | S | L 99.95<br>F S | <br>S | .01<br>S | .04<br>S | 83<br>S | |
| Alfalfa, Du Puits, 028-212 . . . . . | 8043 | S | L 99.90<br>F S | <br>S | .02<br>S | .08<br>S | 93<br>S | |
| Alsike clover, 21661-62 . . . . . | 8344 | S | L 99.80<br>F S | .10<br>S | .05<br>S | .05<br>S | 92<br>S | |
| Alsike clover, 216-58 . . . . . | 8047 | S | L 99.30<br>F S | .45<br>S | .05<br>S | .20<br>S | 90<br>S | |
| Bentgrass, Highland, 034-625 #1 . . . | 8048 | S | L 99.40<br>F S | .10<br>S | .10<br>S | .40<br>S | 90<br>S | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Bluegrass, Merion Kentucky, 03320 #2 . | 8032 | S | L 90.54 | 1.46 | .10 | 7.90 | 75 | |
| | | | F S | S | S | S | S | |
| Bluegrass, Kentucky, 032-855 . . . . . | 8050 | S | L 86.50 | .10 | .10 | 13.30 | 75 | |
| | | | F S | S | S | S | S | |
| Bromegrass, Lincoln Type, 97164 . . . . | 8033 | S | L 90.18 | 1.10 | .46 | 8.26 | 85 | |
| | | | F S | S | S | S | S | |
| Cane, Black Amber, 096254 . . . . . | 8340 | S | L 97.17 | .02 | .01 | 2.80 | 85 | |
| | | | F S | S | S | S | S | |
| Fescue, Illahee, 03122 . . . . . | 8046 | S | L 97.75 | 1.35 | .05 | .85 | 90 | |
| | | | F S | S | S | S | S | |
| Ladino clover, 0296 . . . . . | 8045 | S | L 99.80 | .05 | .10 | .05 | 94 | |
| | | | F S | S | S | S | S | |
| Mixture, Special Lawn Seed, 36131 . . . | 7837 | S | L | .41 | .25 | 4.79 | | |
| | | | F | S | S | S | | |
| Creeping red fescue . . . . . | | | L 40.85 | | | | 90 | Percentage of red |
| | | | F 28.19 | | | | S | fescue found to be |
| Ryegrass . . . . . | | | L 24.76 | | | | 95 | low; of bluegrass, |
| | | | F S | | | | S | redtop and white |
| Kentucky bluegrass . . . . . | | | L 16.68 | | | | 75 | clover, high. |
| | | | F 27.31 | | | | S | |
| Redtop . . . . . | | | L 9.31 | | | | 90 | |
| | | | F 14.41 | | | | S | |
| White clover . . . . . | | | L 2.95 | | | | 87 | |
| | | | F 4.35 | | | | S | |
| Mixture, Special Pasture, 66819 . . . . | 8052 | S | L | .17 | .08 | .15 | | |
| | | | F | S | S | S | | |
| Timothy . . . . . | | | L 49.87 | | | | 90 | Germination of tim- |
| | | | F S | | | | 69 | othy below guarantee. |
| Red clover, Pennscott . . . . . | | | L 37.44 | | | | 86 | |
| | | | F S | | | | S | |
| Alsike clover . . . . . | | | L 12.29 | | | | 82 | |
| | | | F S | | | | S | |

*As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation. Note: L= Label; F= Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation.

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested * | Pure Seed | Other Crop Seed | Weed Seed | Inert Matter | Germination | Remarks |
|---|---|---|---|---|---|---|---|---|
| | | | (Note) | (Note) | (Note) | (Note) | (Note) | |
| THE ALBERT DICKINSON CO., Chicago, Ill.<br>Merrimack Farmers' Exchange Inc. (continued) | | | | | | | | |
| Orchard grass, 37666 . . . . . | 8343 | S | L 87.49<br>F S | .30<br>S | .05<br>S | 12.16<br>S | 85<br>S | |
| Poa trivialis, 039 #1 . . . . . | 8034 | S | L 90.70<br>F S | .10<br>S | .20<br>S | 9.00<br>S | 85<br>S | |
| Rape, Dwarf Essex, 092630 . . . . . | 8042 | S | L 99.74<br>F S | <br>S | .02<br>S | .24<br>S | 92<br>S | |
| Red clover, Pennscott, 02484, #2 . . . | 8044 | S | L 99.80<br>F S | .04<br>S | .02<br>S | .14<br>S | 90<br>S | |
| Red fescue, creeping, 03116 #2 . . . . | 8040 | S | L 95.30<br>F S | .10<br>S | .05<br>S | 4.55<br>S | 93<br>S | |
| Redtop, 04168 #2 . . . . . | 8037 | S | L 93.08<br>S | .40<br>S | .72<br>S | 5.80<br>S | 90<br>S | |
| Reed canary grass, 8762 . . . . . | 8345 | S | L 98.85<br>F S | .20<br>S | .15<br>S | .80<br>S | 75<br>S | |
| Rye, Spring, 071881 . . . . . | 8049 | S | L 99.65<br>F S | .04<br>S | .01<br>S | .30<br>S | 90<br>S | |
| Ryegrass, 038692 #1 . . . . . | 8039 | S | L 99.52<br>F S | .02<br>S | .12<br>S | .34<br>S | 95<br>S | |
| Ryegrass, Perennial, 038716 . . . . . | 8041 | S | L 98.02<br>F S | 1.38<br>S | .08<br>S | .52<br>S | 95<br>S | |
| Sudan Grass, Piper, 9850 . . . . . | 8341 | S | L 99.45<br>F S | .02<br>S | .07<br>S | .46<br>S | 80<br>S | |
| Timothy, 66820 . . . . . | 8051 | S | L 99.75<br>F S | .10<br>S | .50<br>S | .10<br>S | 90<br>79 | Germination below guarantee. |
| Timothy, 66828 . . . . . | 8342 | S | L 99.80<br>F S | .05<br>S | .05<br>S | .10<br>S | 90<br>S | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Vetch, Winter, 099-369 . . . . . | 8339 | S | L | 99.80 | .02 | .01 | .17 | 80 Germination below |
| | | | F | S | S | S | S | 66.5 guarantee. |
| White clover, 026299 . . . . . | 8035 | S | L | 98.95 | .35 | .15 | .55 | 88 |
| | | | F | S | S | S | S | S |
| EASTERN STATES FARMERS' EXCHANGE INC., W.Springfield, Mass. | | | | | | | | |
| Eastern States Farmers' Exchange, Claremont | | | | | | | | |
| Birdsfoot Trefoil, Empire, 1508 . . . | 7939 | S | L | 99.00 | .72 | .08 | .20 | 55 |
| | | | F | S | S | S | S | S |
| Birdsfoot Trefoil, Mansfield, No. 4 . . | 7940 | S | L | 99.60 | .10 | .05 | .25 | 67 |
| | | | F | S | S | S | S | S |
| Corn, Hybrid, Wisc. 335-A, Lot 2307 . . | 7935 | S | L | 99.50 | | | .50 | 92 |
| | | | F | S | S | S | S | S |
| Field Peas, Chang, 910-B . . . . . | 7936 | S | L | 99.75 | .05 | .01 | .19 | 89 |
| | | | F | S | S | S | S | S |
| Mixture, Hay Pasture, #1, 1517 . . . . | 7941 | S | L | | .07 | .08 | .26 | |
| | | | F | | S | S | S | |
| Red clover, Pennscott . . . . . | | | L | 39.84 | | | | 64 |
| | | | F | S | | | | S |
| Timothy . . . . . | | | L | 39.84 | | | | 87 |
| | | | F | S | | | | S |
| Alsike clover . . . . . | | | L | 19.90 | | | | 75 |
| | | | F | S | | | | S |
| Oats, Clarion, 487 . . . . . | 7937 | S | L | 99.47 | .02 | .01 | .50 | 90 |
| | | | F | S | S | S | S | S |
| Rye, Balbo, Winter, 810 . . . . . | 7753 | S | L | 98.75 | .70 | .05 | .50 | 85 |
| | | | F | S | S | S | S | S |
| Soybean, Monroe, 989 . . . . . | 7938 | S | L | 99.50 | .02 | .01 | .47 | 88 |
| | | | F | S | S | S | S | S |

*As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation. Note: L= Label; F= Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation.

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Pure Seed (Note) | Other Crop Seed (Note) | Weed Seed (Note) | Inert Matter (Note) | Germination (Note) | Remarks |
|---|---|---|---|---|---|---|---|---|
| EASTERN STATES FARMERS' EXCHANGE INC., W.Springfield, Mass. | | | | | | | | |
| Eastern States Farmers' Exchange, Concord | | | | | | | | |
| Alsike clover, 872 . . . . . | 7942 | S | L 99.50<br>F S | .05<br>S | .15<br>S | .30<br>S | 75<br>S | |
| Bromegrass, Field, 1484 . . . . . | 7944 | S | L 99.00<br>F S | .46<br>S | .22<br>S | .32<br>S | 90<br>S | |
| Buckwheat, Selected, Lot No. 5 . . . . | 7945 | S | L 99.25<br>F S | .05<br>S | .05<br>S | .65<br>S | 90<br>S | |
| Oats, Forage, 1535 . . . . . | 7946 | S | L 99.25<br>F S | .35<br>S | .05<br>S | .35<br>S | 90<br>S | |
| Red clover, Pennscott, 1502 . . . . . | 7943 | S | L 99.53<br>F S | .05<br>S | .10<br>S | .32<br>S | 75<br>S | |
| Rye, Balbo Winter, 812-D . . . . . | 7760 | S | L 98.75<br>F S | .70<br>S | .05<br>S | .50<br>S | 85<br>S | |
| Ryegrass, Perennial, 935 . . . . . | 7947 | S | L 99.45<br>F S | .03<br>S | .25<br>S | .27<br>S | 90<br>S | |
| Eastern States Farmers' Exchange, Dover | | | | | | | | |
| Bentgrass, Colonial, 182 . . . . . | 7918 | S | L 98.85<br>F S | .02<br>S | .10<br>S | 1.03<br>S | 80<br>S | |
| Bluegrass, Kentucky, 787 . . . . . | 7919 | S | L 89.20<br>F S | .05<br>S | .15<br>S | 10.60<br>S | 83<br>S | |
| Bromegrass, Smooth, 424 . . . . . | 7917 | S | L 89.00<br>F S | .05<br>S | .35<br>S | 10.60<br>S | 88<br>S | |
| Mixture, Velvet Green Lawn, 1501 . . . | 7915 | S | L<br>F | .18<br>S | .08<br>S | 5.72<br>S | | |
| Creeping Red Fescue . . . . . | | | L 56.63<br>F S | | | | 90<br>S | |
| Kentucky Blue Grass . . . . . | | | L 35.76<br>F S | | | | 85<br>S | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Redtop . . . . . | | | L 4.63 | | | | 88 |
| | | | F S | | | | S |
| Orchard Grass, 797 . . . . . | 7916 | S | L 88.00 | .10 | .10 | 11.80 | 85 |
| | | | F S | S | S | S | S |
| Eastern States Farmers' Exchange, Manchester | | | | | | | |
| Corn, Mass. 64 Hybrid, 1489 . . . . . | 7949 | S | L 99.50 | | | .50 | 94 |
| | | | F S | S | S | S | S |
| Japanese Millet, 963 . . . . . | 7954 | S | L 99.00 | .10 | .58 | .32 | 87 |
| | | | F S | S | S | S | S |
| Ladino clover, 501 . . . . . | 7951 | S | L 99.25 | .12 | .15 | .48 | 75 |
| | | | F S | S | S | S | S |
| Red clover, Mammoth, 1360 . . . . . | 7952 | S | L 99.40 | .15 | .08 | .37 | 85 |
| | | | F S | S | S | S | S |
| Redtop, Fancy Solid, 843. . . . . | 7950 | S | L 92.30 | .50 | .20 | 7.00 | 90 |
| | | | F S | S | S | S | S |
| Sudan Grass, Piper, 861-C1184 . . . . . | 7953 | S | L 99.50 | .05 | .10 | .35 | 90 |
| | | | F S | S | S | S | S |
| Eastern States Farmers' Exchange, Milford | | | | | | | |
| Alfalfa, Vernal, 874-V3575 . . . . . | 7850 | S | L 99.90 | .01 | .01 | .08 | 79 |
| | | | F S | S | S | S | S |
| Reed Canary Grass, 955 . . . . . | 7853 | S | L 99.10 | | .40 | .50 | 75 |
| | | | F S | S | S | S | S |
| Rye, Winter Balbo, 809-D . . . . . | 7758 | S | L 98.50 | .50 | .02 | .98 | 85 |
| | | | F S | S | S | S | S |
| Ryegrass, Domestic, 937 . . . . . | 7852 | S | L 99.55 | .10 | .05 | .30 | 90 |
| | | | F S | S | S | S | S |
| Timothy, 1497 . . . . . | 7851 | S | L 99.55 | .08 | .12 | .25 | 88 |
| | | | F S | S | S | S | S |

*As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation. Note: L= Label; F= Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation.

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Pure Seed | Other Crop Seed | Weed Seed | Inert Matter | Germination | Remarks |
|---|---|---|---|---|---|---|---|---|
| EASTERN STATES FARMERS' EXCHANGE, Inc., W.Springfield, Mass. | | | (Note) | (Note) | (Note) | (Note) | (Note) | |
| Eastern States Farmers' Exchange, Milford (continued) | | | | | | | | |
| Wheat, Forage Winter, 798 . . . . . | 7757 | S | L 99.25<br>F 96.96 | .30<br>2.96 | .10<br>S | .35<br>S | 90<br>76 | Purity and germination below guarantee. Other crop seeds excessive. |
| Glencliff Sanatorium, Glencliff | | | | | | | | |
| Hay Pasture Mixture No. 2, 1499 . . . . | 8146 | S | L<br>F | .23<br>S | .17<br>S | .84<br>S | | |
| Timothy . . . . . | | | L 39.80<br>F S | | | | 85<br>S | |
| Alsike clover . . . . . | | | L 24.84<br>F S | | | | 60<br>S | |
| Red Clover, Pennscott . . . . . | | | L 24.87<br>F S | | | | 87<br>S | |
| Redtop . . . . . | | | L 9.25<br>F S | | | | 89<br>S | |
| Grafton County Home, N. Haverhill | | | | | | | | |
| Oats, Forage, 1536 (Variety Unknown) . . | 8147 | S | L 99.25<br>F S | .35<br>.84 | .05<br>S | .35<br>S | 90<br>S | Other crop seeds excessive. |
| N.H. State Hospital, Concord | | | | | | | | |
| Rye, Balbo Winter, 809-F . . . . . | 7762 | S | L 98.50<br>F S | .50<br>S | .02<br>S | .98<br>S | 85<br>S | |
| N.H. State Prison, Concord | | | | | | | | |
| Alfalfa, Narragansett, Lot No. 2 . . . | 8055 | S | L 99.85<br>F S | .02<br>S | .06<br>S | .07<br>S | 79<br>S | |
| Corn, Hybrid, Mass. 63, 1490 . . . . . | 8056 | S | L 99.50<br>F S | S | S | .50<br>S | 94<br>S | |
| Field Peas, Chang, 910 . . . . . | 8060 | S | L 99.75<br>F S | .05<br>S | .01<br>S | .19<br>S | 92<br>S | |
| Japanese Millet, 962 . . . . . | 8058 | S | L 99.40<br>F S | .02<br>S | .40<br>S | .18<br>S | 85<br>S | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Red Clover, Pennscott, 1546 . . . . . | 8057 | S | L | 99.65 | .05 | .03 | .27 | 68 | |
| | | | F | S | S | S | S | S | |
| Sudan Grass, Piper, 537A . . . . . | 8054 | S | L | 99.25 | .05 | .05 | .65 | 86 | |
| | | | F | S | S | S | S | S | |
| Timothy, 1557 . . . . . | 8059 | S | L | 99.55 | .07 | .08 | .30 | 85 | |
| | | | F | S | S | S | S | S | |
| ELM CITY GRAIN CO., Keene, N.H. | | | | | | | | | |
| Elm City Grain Co., Keene | | | | | | | | | |
| Rye, Winter . . . . . | 7765 | None | L | | | | | | No guarantee for purity or germination. No date of test. |
| | | | F | 99.69 | | | .31 | 89.5 | |
| GRANT GALLAGHER, Brentwood, N.H. | | | | | | | | | |
| Goodwin Feed & Supply, Portsmouth | | | | | | | | | |
| Rye, Winter . . . . . | 7763 | None | L | | | | | | No guarantee for purity or germination. No date of test. 27 Quackgrass per lb.found |
| | | | F | 99.09 | | .49 | .42 | 91 | |
| ELMER JOHNSON, Winchester, N.H. | | | | | | | | | |
| Elmer Johnson, Winchester | | | | | | | | | |
| Rye, Winter . . . . . | 7764 | None | L | | | | | | No guarantee for purity or germination. No date of test. |
| | | | F | 97.00 | 2.19 | .11 | .70 | 88.5 | |
| MERRIMACK FARMERS' EXCHANGE, INC., CONCORD, N.H. | | | | | | | | | |
| Merrimack Farmers' Exchange, Inc., Bow | | | | | | | | | |
| Rye, Winter, T. P., Lot 58-6-A . . . . . | 7766 | S | L | 97.65 | .50 | .50 | 1.35 | 85 | 12 quackgrass per pound found. |
| | | | F | S | S | S | S | S | |
| Merrimack Farmers' Exchange, Claremont | | | | | | | | | |
| Buckwheat, Japanese, 6913 . . . . . | 8333 | S | L | 99.85 | .07 | .02 | .06 | 91 | |
| | | | F | S | S | S | S | S | |
| Peas, Canada, 8553 . . . . . | 8332 | S | L | 99.38 | .76 | | .36 | 70 | |
| | | | F | S | S | S | S | S | |

*As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation. Note: L= Label; F= Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation.

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested * | Pure Seed (Note) | Other Crop Seed (Note) | Weed Seed (Note) | Inert Matter (Note) | Germination (Note) | Remarks |
|---|---|---|---|---|---|---|---|---|
| MERRIMACK FARMERS' EXCHANGE, INC., Concord, N.H. | | | | | | | | |
| Merrimack Farmers' Exchange, Concord | | | | | | | | |
| Bluegrass, Canada, 33-4 . . . . . | 8346 | S | L 90.20<br>F S | .80<br>S | .10<br>S | 8.90<br>S | 85<br>S | |
| Merrimack Farmers' Exchange, Derry | | | | | | | | |
| Orchard Grass, 37-32 . . . . . | 8331 | S | L 85.03<br>F S | .77<br>S | .89<br>S | 13.81<br>S | 96<br>S | |
| Rye, Winter, T. P., 58-6-A . . . . . | 7751 | S | L 97.65<br>F S | .50<br>S | .50<br>S | 1.35<br>S | 85<br>S | 10 quackgrass per pound found. |
| Merrimack Farmers' Exchange, Epping | | | | | | | | |
| Timothy, 66790 . . . . . | 8282 | S | L 99.75<br>F S | .10<br>S | .05<br>S | .10<br>S | 72<br>S | |
| Merrimack Farmers' Exchange, Exeter | | | | | | | | |
| Redtop, 41742 . . . . . | 8275 | S | L 93.40<br>F 89.74 | 2.40<br>6.04 | .40<br>.98 | 3.80<br>S | 90<br>S | Purity below guarantee. Other crop and weed seeds excessive. |
| Ryegrass, Common, 038670 . . . . . | 8276 | S | L 99.18<br>F S | .14<br>S | .16<br>S | .52<br>S | 95<br>S | |
| Merrimack Farmers' Exchange, Henniker | | | | | | | | |
| Alfalfa, Narragansett, 4661 . . . . . | 8264 | S | L 99.73<br>F S | .07<br>S | .14<br>S | .06<br>S | 86<br>S | |
| Alsike clover, 21650 . . . . . | 8267 | S | L 99.60<br>F S | .15<br>.76 | .15<br>S | .10<br>S | 83<br>S | Other crop seed excessive. |
| Red clover, Cert. Kenland, 024997 . . . | 8265 | S | L 99.94<br>F S | .02<br>S | .02<br>S | .02<br>S | 77<br>S | |
| Red clover, Medium, 24524 . . . . . | 8266 | S | L 99.42<br>F S | .28<br>S | .02<br>S | .28<br>S | 83<br>S | |
| Merrimack Farmers' Exchange, Laconia | | | | | | | | |
| Bentgrass, Highland, 034523 . . . . . | 8419 | S | L 99.40<br>F S | .10<br>S | .10<br>S | .40<br>S | 93<br>S | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Bluegrass, Kentucky, 032855 . . . . . | 8420 | S | L | 86.50 | .10 | .10 | 13.30 | 75 | |
| | | | F | S | S | S | S | S | |
| Soybeans, Hawkeye, 84-82 . . . . . | 8421 | S | L | 99.57 | .00 | .10 | .33 | 87 | Pure seed below guarantee. Other crop seed excessive. |
| | | | F | 82.40 | 17.12 | S | S | S | |
| Vetch, Winter, 099369 . . . . . | 8418 | S | L | 99.80 | .02 | .01 | .17 | 80 | |
| | | | F | S | S | S | S | S | |
| THE PAGE SEED CO., Greene, New York | | | | | | | | | |
| Folansbee Feed Store, Lebanon | | | | | | | | | |
| Alsike clover, L52859 . . . . . | 8204 | S | L | 99.50 | .20 | .10 | .20 | 82 | |
| | | | F | S | S | S | S | S | |
| Corn, Smoky Dent, 9002 . . . . . | 8199 | S | L | 99.00 | | | 1.00 | 90 | |
| | | | F | S | S | S | S | S | |
| Japanese Millet, J 52858 . . . . . | 8202 | S | L | 98.67 | | 1.31 | .02 | 75 | |
| | | | F | S | S | S | S | S | |
| Red clover,Medium, L 94659 . . . . . | 8203 | S | L | 99.30 | .16 | .20 | .34 | 75 | |
| | | | F | S | S | S | S | S | |
| Rye, Winter Balbo, J 32859 . . . . . | 8201 | S | L | 99.43 | .23 | | .34 | 90 | |
| | | | F | S | S | S | S | S | |
| Timothy, L 33859 . . . . . | 8200 | S | L | 99.70 | .02 | .04 | .24 | 85 | |
| | | | F | S | S | S | S | S | |
| LEE PATTEN SEED CO., Arlington, Mass. | | | | | | | | | |
| Greenland's Corporation, Concord | | | | | | | | | |
| Special Tee Mixture, 51459 . . . . . | 8347 | S | L | | .81 | .25 | 3.90 | | Purity statement incorrect. |
| | | | F | | S | S | 8.40 | | |
| Creeping red fescue . . . . . | | | L | 37.24 | | | | 85 | |
| | | | F | 14.37 | | | | S | |
| Common ryegrass . . . . . | | | L | 24.50 | | | | 90 | |
| | | | F | 10.33 | | | | S | |

*As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation. Note: L= Label; F= Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation.

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Pure Seed (Note) | Other Crop Seed (Note) | Weed Seed (Note) | Inert Matter (Note) | Germination (Note) | Remarks |
|---|---|---|---|---|---|---|---|---|
| LEE PATTEN SEED CO., Arlington, Mass. | | | | | | | | |
| Greenland's Corporation, Concord | | | | | | | | |
| Kentucky bluegrass | | | L 10.20<br>F 52.83 | | | | 75<br>S | |
| Redtop | | | L 9.20<br>F 5.20 | | | | 90<br>S | |
| Poa trivialis | | | L 9.00<br>F 5.81 | | | | 80<br>S | |
| White clover | | | L 4.90<br>F 2.65 | | | | 70<br>S | |
| Tee Mixture #1, 51359 | 8348 | S | L<br>F | .65<br>S | .35<br>S | 7.60<br>S | | |
| Kentucky bluegrass | | | L 34.00<br>F S | | | | 75<br>S | |
| Creeping red fescue | | | L 17.64<br>F S | | | | 85<br>S | |
| Common ryegrass | | | L 11.76<br>F S | | | | 90<br>S | |
| Timothy | | | L 9.80<br>F S | | | | 90<br>66.5 | Germination of timothy and redtop |
| Redtop | | | L 9.20<br>F S | | | | 90<br>80 | below guarantee. |
| Poa trivialis | | | L 9.00<br>S | | | | 80<br>S | |
| WM. G. SCARLETT & CO., Baltimore, Md. | | | | | | | | |
| Sign Div., State Highway Dept., Concord | | | | | | | | |
| Special Grass Seed Mixture, 16654 | 8336 | S | L<br>F | .30<br>S | .50<br>S | 4.40<br>S | | |
| Timothy | | | L 39.40<br>F S | | | | 85<br>S | |
| Redtop | | | L 36.80<br>F S | | | | 90<br>66.5 | Germination of redtop below guaran- |
| Alsike clover | | | L 9.90<br>F S | | | | 85<br>S | tee. |
| White clover | | | L 8.70<br>F S | | | | 85<br>S | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| WM. G. SCARLETT & CO., Baltimore Md. | | | | | | | | |
| State Military Reservation, Concord | | | | | | | | |
| Special Grass Seed Mixture, 16640 . . . . | 8335 | S | L | | .80 | .40 | 3.50 | 85 | |
| | | | F | | S | S | S | | |
| Creeping red fescue . . . . . | | | L | 35.00 | | | | 85 | |
| Illahee fescue . . . . . | | | L | 14.80 | | | | 85 | |
| Creeping red and Illahee fescue . . . . | | | F | 46.53** | | | | 89** | ** Satisfactory |
| Common ryegrass . . . . . | | | L | 24.70 | | | | 90 | |
| Perennial ryegrass . . . . . | | | L | 9.80 | | | | 90 | |
| Common and Perennial ryegrass . . . . . | | | F | 37.30** | | | | 90** | ** Satisfactory |
| Kentucky bluegrass . . . . . | | | L | 8.50 | | | | 80 | |
| | | | F | S | | | | S | |
| White clover . . . . . | | | L | 2.50 | | | | 85 | |
| | | | F | S | | | | S | |
| THE STANFORD SEED CO., Buffalo, N.Y. | | | | | | | | |
| E. W. Bailey & Co., Colebrook | | | | | | | | |
| Barley, Erie, 4623 . . . . . | 8497 | S | L | 99.00 | .10 | .05 | .85 | 85 | |
| | | | F | S | S | S | S | S | |
| Corn, Cornell, 29-3 . . . . . | 8501 | S | L | 99.90 | | | .10 | 85 | |
| | | | F | S | S | S | S | S | |
| Redtop, 2750 . . . . . | 8498 | S | L | 94.28 | .28 | .60 | 4.80 | 86 | |
| | | | F | S | S | S | S | S | |
| Soybeans, Earlyanna, 7353 . . . . . | 8500 | S | L | 99.50 | | | .50 | 85 | |
| | | | F | S | S | S | S | S | |
| Merrimack Farmers' Exchange, Concord | | | | | | | | |
| Buckwheat, Japanese, 7335 . . . . . | 7843 | S | L | 99.90 | .01 | .02 | .05 | 90 | |
| | | | F | S | S | S | S | S | |
| Corn, Hybrid, Penn. 444, 3346 . . . . . | 7838 | S | L | 99.75 | | | .25 | 90 | |
| | | | F | S | S | S | S | S | |
| Corn, Cornell M-4 Hybrid, 4719 . . . . . | 7839 | S | L | 99.75 | | | .25 | 93 | |
| | | | F | S | S | S | S | S | |

*As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation. Note: L= Label; F= Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation.

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Pure Seed (Note) | Other Crop Seed (Note) | Weed Seed (Note) | Inert Matter (Note) | Germination (Note) | Remarks |
|---|---|---|---|---|---|---|---|---|
| THE STANFORD SEED CO., Buffalo, N.Y. | | | | | | | | |
| Merrimack Farmers' Exchange, Concord (continued) | | | | | | | | |
| Corn, Hybrid, Ohio M-15, 2374A . . . . . | 7841 | S | L 99.50<br>F S | S | S | .50<br>S | 90<br>S | |
| Corn, Hybrid, Wisconsin, 335, Lot 4672 . . | 7842 | S | L 99.50<br>F S | S | S | .50<br>S | 95<br>S | |
| Corn, Hybrid, Mass. 63, Lot 219 . . . . . | 7845 | S | L 99.75<br>F S | S | S | .25<br>S | 90<br>S | |
| Hungarian Millet, 1055 . . . . . | 7840 | S | L 99.70<br>F S | .02<br>S | .24<br>S | .04<br>S | 89<br>S | |
| Japanese Millet, 1070 . . . . . | 7844 | S | L 98.16<br>F S | S | 1.80<br>S | .04<br>S | 89<br>S | |
| Merrimack Farmers' Exchange, Derry | | | | | | | | |
| Rye, Winter, Balbo, 7091 . . . . . | 7752 | S | L 98.90<br>F S | .06<br>S | .03<br>S | 1.01<br>S | 85<br>S | |
| N.H. State Hospital, Concord | | | | | | | | |
| Rye, Winter, Balbo, 7091 . . . . . | 7761 | S | L 98.90<br>F S | .06<br>S | .03<br>S | 1.01<br>S | 85<br>S | |
| F. B. Spaulding Co., Lancaster | | | | | | | | |
| Buckwheat Seed, 7073 . . . . . | 8448 | S | L 99.70<br>F S | .23<br>S | .05<br>S | .02<br>S | 90<br>S | |
| Japanese Millet, 1118 . . . . . | 8447 | S | L 99.50<br>F S | S | .42<br>S | .08<br>S | 85<br>S | |
| State Military Reservation, Concord | | | | | | | | |
| Special N.H. Mixture, 7417 . . . . . | 8334 | S | L<br>F | 1.02 | .25<br>S | 6.75<br>S | | Other crop seed excessive. |
| Red fescue . . . . . | | | L 34.30<br>F S | | | | 85<br>S | |

THE STANFORD SEED CO., Buffalo, N.Y.

State Military Reservation, Concord

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Italian ryegrass | | | L | 24.75 | | | | 90 |
| | | | F | S | | | | S |
| Kentucky bluegrass | | | L | 12.75 | | | | 80 |
| | | | F | S | | | | S |
| Canada bluegrass | | | L | 12.00 | | | | 80 |
| | | | F | S | | | | S |
| Redtop | | | L | 9.20 | | | | 90 |
| | | | F | S | | | | S |

Wirthmore Stores, Charlestown

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Bluegrass, Kentucky, 7299 | 8094 | S | L | 85.00 | .30 | .40 | 14.30 | 75 |
| | | | F | S | S | S | S | S |
| Hungarian Millet, 4489 | 8090 | S | L | 98.90 | .14 | .82 | .14 | 75 |
| | | | F | S | S | S | S | S |
| Red clover, Medium, 7275 | 8092 | S | L | 99.74 | .23 | .01 | .02 | 81 |
| | | | F | S | S | S | S | S |
| Ryegrass, Domestic, 4112 | 8093 | S | L | 99.24 | .12 | .30 | .34 | 90 |
| | | | F | S | S | S | S | S |
| Sudan grass, Piper, 4418 | 8089 | S | L | 99.56 | | .04 | .40 | 85 |
| | | | F | S | S | S | S | S |
| Timothy, 7241 | 8091 | S | L | 99.79 | .03 | .10 | .08 | 86 |
| | | | F | S | S | S | S | S |

Wirthmore Stores, Concord

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Corn, Ohio, M-15, Hybrid, 2374-A | 7985 | S | L | 99.50 | | | .50 | 90 |
| | | | F | S | S | S | S | S |
| Corn, King Cross KX, Lot NE 15-9238 | 7986 | S | L | 99.75 | | | .25 | 97 |
| | | | F | S | S | S | S | S |
| Corn, Hybrid, Pa. 602A, C 7-60-18 | 8426 | S | L | 99.75 | | | .25 | 90 |
| | | | F | S | S | S | S | S |

*As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation. Note: L= Label; F= Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation.

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Pure Seed (Note) | Other Crop Seed (Note) | Weed Seed (Note) | Inert Matter (Note) | Germination (Note) | Remarks |
|---|---|---|---|---|---|---|---|---|
| THE STANFORD SEED CO., Buffalo, N.Y. | | | | | | | | |
| Wirthmore Stores,Concord (continued) | | | | | | | | |
| Japanese Millet, 1050 . . . . . | 7987 | S | L 98.10<br>F S | .03<br>S | 1.81<br>S | .06<br>S | 85<br>S | |
| Oats, Garry, 7270 . . . . . | 7983 | S | L 99.93<br>F S | .01<br>S | .01<br>S | .05<br>S | 92<br>S | |
| Oats, Clinton 59, Lot 20 . . . . . | 7984 | S | L 99.70<br>F S | .05<br>S | <br>S | .25<br>S | 90<br>S | |
| Rye, Winter Balbo, 106 . . . . . | 7767 | S | L 99.20<br>F S | .02<br>S | .02<br>S | .76<br>S | 85<br>S | |
| Wirthmore Stores, Meredith | | | | | | | | |
| Corn, Leaming field, 2806 . . . . . | 8143 | S | L 99.00<br>F S | <br>S | <br>S | 1.00<br>S | 90<br>S | |
| Timothy, Climax, 2414 . . . . . | 8144 | S | L 99.89<br>F S | .05<br>S | .05<br>S | .01<br>S | 90<br>S | |
| White clover, 4166 . . . . . | 8145 | S | L 99.14<br>F S | .27<br>S | .34<br>S | .25<br>S | 65<br>S | |
| Wirthmore Stores, Milford | | | | | | | | |
| Alfalfa, Du Puits, 2323 . . . . . | 8114 | S | L 99.94<br>F S | <br>S | .02<br>S | .04<br>S | 79<br>S | |
| Alsike clover, 6959 . . . . . | 8108 | S | L 98.42<br>F S | 1.43<br>S | .08<br>S | .07<br>S | 85<br>S | |
| Brome grass, Smooth, 4715 . . . . . | 8115 | S | L 85.00<br>F S | .10<br>S | 1.50<br>S | 13.40<br>S | 80<br>S | |
| Field Peas, Canada, 2117 . . . . . | 8112 | S | L 99.85<br>F S | <br>S | <br>S | .15<br>S | 90<br>S | |
| Hungarian Millet, 2560 . . . . . | 8113 | S | L 99.90<br>F 98.91 | .03<br>S | .03<br>1.00 | .04<br>S | 90<br>S | Pure seed below guarantee. Excessive weed seeds. |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Ladino clover, 3952 | 8109 | S | L | 99.64 | .26 | .10 | 70 |
| | | | F | S | S | S | S |
| Red clover, Medium, 6918 | 8111 | S | L | 99.50 | .20 | .05 | .25 | 70 |
| | | | F | S | S | S | S | S |
| Timothy, 4104 | 8110 | S | L | 99.60 | .03 | .21 | .16 | 85 |
| | | | F | S | S | S | S | S |
| Wirthmore Stores, Nashua | | | | | | | | |
| Alfalfa, Narragansett, 2532 | 8082 | S | L | 99.87 | | .02 | .11 | 85 |
| | | | F | S | S | S | S | S |
| Alfalfa, Ranger, 2003 | 8083 | S | L | 99.98 | | | .02 | 88 |
| | | | F | S | S | S | S | S |
| Buckwheat, Silverhull, 7360 | 8086 | S | L | 99.90 | .02 | .02 | .06 | 90 |
| | | | F | S | S | S | S | S |
| Ladino clover, 2687 | 8081 | S | L | 99.91 | | .09 | | 83 |
| | | | F | S | S | S | S | S |
| Oats, Garry, 2738 | 8088 | S | L | 99.94 | .01 | .01 | .02 | 92 |
| | | | F | S | S | S | S | S |
| Redtop, 2411 | 8087 | S | L | 93.44 | .32 | .32 | 5.92 | 90 |
| | | | F | S | S | S | S | S |
| Rye, Common Winter, 1003 | 7755 | S | L | 97.50 | .60 | .05 | 1.85 | 85 |
| | | | F | S | S | S | S | S |
| Ryegrass, Perennial, 2534 | 8084 | S | L | 99.00 | .64 | .10 | .26 | 90 |
| | | | F | S | S | S | S | S |
| Timothy, 7160 | 8085 | S | L | 99.80 | .05 | .08 | .07 | 90 |
| | | | F | S | S | S | S | S |
| Wirthmore Stores, Plymouth | | | | | | | | |
| Rye, Balbo Winter, 7135 | 7759 | S | L | 97.54 | .43 | .02 | 2.01 | 85 |
| | | | F | S | S | S | S | S |

*As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation. Note: L= Label; F= Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation.

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Pure Seed (Note) | Other Crop Seed (Note) | Weed Seed (Note) | Inert Matter (Note) | Germination (Note) | Remarks |
|---|---|---|---|---|---|---|---|---|
| THE STANFORD SEED CO., Buffalo, N.Y. | | | | | | | | |
| Wirthmore Stores, Tilton | | | | | | | | |
| Ladino clover, 4804 | 8215 | S | L 99.39<br>F S | .05<br>S | .14<br>S | .42<br>S | 68<br>S | |
| Orchard grass, 2281 | 8216 | S | L 91.10<br>F S | .70<br>S | .10<br>S | 8.10<br>S | 90<br>S | |
| Red clover, Pennscott, 2470 | 8214 | S | L 99.86<br>F S | S | .04<br>S | .10<br>S | 65<br>S | |
| Reed Canary Grass, 2191 | 8213 | S | L 99.39<br>F S | S | .22<br>S | .39<br>S | 70<br>S | |
| STATE ROAD GRAIN CO., Presque Isle, Me. | | | | | | | | |
| Merrimack Farmers' Exchange, Woodsville | | | | | | | | |
| Oats, Garry, Lot No. 4 | 8152 | S | L 99.94<br>F S | S | .03<br>S | .03<br>S | 90<br>S | |
| THE WHITNEY SEED CO., Buffalo, N.Y. | | | | | | | | |
| Checkerboard Warehouse, Concord | | | | | | | | |
| Japanese Millet, 46592 | 8299 | S | L 98.05<br>F S | S | 1.88<br>S | .07<br>S | 80<br>S | |
| Ladino clover, B.T. Certified, 56L39 | 8298 | S | L 99.79<br>F S | S | .03<br>S | .18<br>S | 80<br>S | |
| Redtop, 40588 | 8297 | S | L 92.32<br>F S | .76<br>S | .66<br>S | 6.26<br>S | 82<br>S | |
| Clark's Grain Store, Chichester | | | | | | | | |
| Alsike clover, 1583 | 8075 | S | L 98.95<br>F S | .90<br>S | .05<br>S | .10<br>S | 80<br>S | |
| Corn, Mass. 63, 71466 | 8079 | S | L 99.50<br>F S | S | S | .50<br>S | 90<br>S | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Corn, Cornell M-4, 71470 . . . . . | 8080 | S | L | 99.50 | | | .50 | 94 | |
| | | | F | S | S | S | S | S | |
| Red clover, Medium, 5070 . . . . . | 8077 | S | L | 99.36 | .04 | .24 | .36 | 85 | |
| | | | F | S | S | S | S | S | |
| Redtop, 40594 . . . . . | 8078 | S | L | 91.68 | .40 | .61 | 7.31 | 90 | Other crop and weed seeds excessive. |
| | | | F | S | 1.13 | 1.23 | S | S | |
| Timothy, 1208 . . . . . | 8076 | S | L | 99.61 | .17 | .10 | .12 | 85 | Germination below guarantee. |
| | | | F | S | S | S | S | 73 | |
| Farmers' Feed & Supply, Berlin | | | | | | | | | |
| Bromegrass, Lincoln, 3870 . . . . . | 8454 | S | L | 91.66 | .02 | .40 | 7.92 | 82 | |
| | | | F | S | S | S | S | S | |
| Farmers' Feed & Supply, Colebrook | | | | | | | | | |
| Peas, Canada, 65311 . . . . . | 8434 | S | L | 99.61 | .14 | .01 | .23 | 90 | |
| | | | F | S | S | S | S | S | |
| Soybeans, Kingwha Black, 66493 . . . . . | 8433 | S | L | 97.34 | .12 | .12 | 2.42 | 72 | |
| | | | F | S | S | S | S | S | |
| Farmers' Feed & Supply, Lancaster | | | | | | | | | |
| Corn, Wisconsin 335, 71504 . . . . . | 8422 | S | L | 99.50 | | | .50 | 95 | |
| | | | F | S | S | S | S | S | |
| Farmers' Feed & Supply, Lebanon | | | | | | | | | |
| Barley, 6-Row, 80603 . . . . . | 8198 | S | L | 99.63 | .03 | .01 | .33 | 85 | |
| | | | F | S | S | S | S | S | |
| Hungarian Millet, 48558 . . . . . | 8195 | S | L | 98.54 | .15 | .98 | .33 | 82 | |
| | | | F | S | S | S | S | S | |
| Sudan, Piper, 3079 . . . . . | 8197 | S | L | 99.91 | | .01 | .08 | 80 | |
| | | | F | S | S | S | S | S | |
| Vetch, Hairy, Winter, 6769 . . . . . | 8194 | S | L | 98.91 | .83 | .18 | .08 | 85 | Germination below guarantee. |
| | | | F | S | S | S | S | 74 | |

*As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation. Note: L= Label; F= Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation.

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | | Pure Seed | Other Crop Seed | Weed Seed | Inert Matter | Germination | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| THE WHITNEY SEED CO., Buffalo, N.Y. | | | | (Note) | (Note) | (Note) | (Note) | (Note) | |
| Farmers' Feed & Supply, Newport | | | | | | | | | |
| Alfalfa, Ranger, 2121 | 8353 | S | L | 99.84 | | .04 | .12 | 90 | |
| | | | F | S | S | S | S | S | |
| Buckwheat, Japanese, 8119 | 8354 | S | L | 98.64 | .79 | .32 | .75 | 85 | |
| | | | F | S | S | S | S | S | |
| Buckwheat, 8126 | 8355 | S | L | 98.70 | .35 | .30 | .65 | 85 | |
| | | | F | S | S | S | S | S | |
| Rye, Balbo, 83361 | 7756 | S | L | 99.49 | .33 | .04 | .14 | 90 | |
| | | | F | S | S | S | S | S | |
| Farmers' Feed & Supply, N. Haverhill | | | | | | | | | |
| Japanese Millet, 46598 | 8156 | S | L | 98.91 | | 1.01 | .08 | 85 | |
| | | | F | S | S | S | S | S | |
| Red clover, Medium, 50701 | 8153 | S | L | 99.08 | .68 | .12 | .12 | 81 | |
| | | | F | S | S | S | S | S | |
| Sudan grass, Piper, 3082 | 8155 | S | L | 99.43 | | .03 | .54 | 85 | |
| | | | F | S | S | S | S | S | |
| Timothy, 1295 | 8154 | S | L | 99.82 | .03 | .06 | .09 | 85 | |
| | | | F | S | S | S | S | S | |
| Presto Grain Co., Claremont | | | | | | | | | |
| Oats, Garry, 82877 | 8352 | S | L | 99.93 | .01 | .04 | .02 | 94 | |
| | | | F | S | S | S | S | S | |
| Rye, Winter Balbo, 83358 | 7754 | S | L | 98.00 | .90 | .10 | 1.00 | 85 | |
| | | | F | S | S | S | S | S | |

* As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures on "None" indicate violation. Note: L= Label; F= Found. "SO in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation.

New Hampshire Experiment Station
VEGETABLE SEED INSPECTION, 1959

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Found | Germination<br>Guaranteed** | Germination<br>N.H. Standard |
|---|---|---|---|---|---|
| | | | (Note) | | |
| ALLEN, STERLING & LOTHROP, Portland, Maine | | | | | |
| Conway Grain Store, Conway | | | | | |
| Beans, Tendergreen | 8320 | S | S | .. | 75 |
| Cucumber, Straight 8 | 8324 | S | S | .. | 80 |
| Parsnip, Hollow Crown | 8323 | S | S | .. | 60 |
| Peas, Laxtons Progress | 8321 | S | S | .. | 80 |
| Rutabaga, American Purple Top | 8322 | S | S | .. | 75 |
| Currier & Co., G. B., W. Stewartstown | | | | | |
| Carrot, Danver's Half-Long | 8479 | S | S | .. | 55 |
| Squash, Buttercup | 8478 | S | S | .. | 75 |
| Squash, Green Hubbard | 8477 | S | S | .. | 75 |
| Swiss Chard, Lucullus | 8480 | S | S | .. | 65 |
| Shop & Hardware, Conway | | | | | |
| Beans, Bountiful | 8314 | S | S | .. | 75 |
| Beans, Dwarf Horticultural | 8312 | S | S | .. | 75 |
| Beans, Kentucky Wonder Pole | 8317 | S | S | .. | 75 |
| Beans, Lows Champion | 8313 | S | S | .. | 75 |
| Beets, Detroit Dark Red | 8315 | S | S | 83 | 65 |
| Beets, Early Wonder | 8316 | S | S | 75 | 65 |
| Corn, Golden Cross Bantam | 8319 | S | S | .. | 75 |
| Corn, Marcross | 8318 | S | S | .. | 75 |
| Stones Hardware, Gorham | | | | | |
| Beans, Improved Golden Wax, 96194 | 8457 | S | S | 75 | 75 |
| Corn, Golden Sunshine, 93526 | 8455 | S | S | 90 | 75 |
| Corn, Spancross, 33552 | 8456 | S | S | 90 | 75 |
| Wolfeboro Hardware, Wolfeboro | | | | | |
| Beans, Black Wax, Pencil Pod | 8098 | S | S | 90 | 75 |
| Corn, Golden Bantam | 8099 | S | S | 90 | 75 |
| Peas, World Record | 8100 | S | S | 90 | 80 |
| ASSOCIATED SEED GROWERS, INC., Cambridge, N.Y. | | | | | |
| Ayers & Jenkins Hardware, Rochester | | | | | |
| Carrot, Danvers Half-Long | 8117 | S | S | 70 | 55 |
| Parsnip, Hollow Crown | 8116 | S | S | 75 | 60 |
| Peas, American Wonder | 8119 | S | S | 90 | 80 |
| Peas, Alderman (Telephone) | 8118 | S | S | 90 | 80 |
| Farmers Feed & Supply, Colebrook | | | | | |
| Corn, Marcross C13.6, Lot 34540-340 | 8432 | S | S | 92 | 75 |
| Salem Hardware & Paint, Salem | | | | | |
| Beets, Detroit Dark Red | 7860 | S | 55 | 70 | 65 |
| Lettuce, Great Lakes, Iceberg Type | 7863 | S | S | 80 | 80 |
| Pepper, (Sweet) California Wonder | 7861 | S | S | 65 | 55 |
| Radish, Rice's Improved Scarlet Globe | 7862 | S | S | 80 | 75 |
| ASSOCIATED SEED GROWERS, INC., New Haven,Conn. | | | | | |
| Goodwin Feed & Supply, Portsmouth | | | | | |
| Beet, Early Wonder | 8137 | S | S | 85 | 65 |
| Squash, Golden Hubbard Lot 2028 | 8136 | S | S | 90 | 75 |
| Swiss Chard, Lucullus 50596 | 8135 | S | S | 90 | 65 |
| BRECK & SONS, JOS., Boston, Mass. | | | | | |
| Conrad's Farm & Home Supply, Rochester | | | | | |
| Peas, World's Record 6578-60 | 8107 | S | S | 85 | 80 |
| Gate City Gardens, Nashua | | | | | |
| Cucumber, Boston Pickling | 7890 | S | S | 80 | 80 |
| Parsnip, Hollow Crown | 7892 | S | S | 60 | 60 |
| Radish, Champion | 7891 | S | S | 75 | 75 |
| Tomato, Bonny Best | 7889 | S | S | 75 | 75 |
| Hardware Store, Inc., North Conway | | | | | |
| Cabbage, Danish Ballhead 5368 | 8367 | S | 66 | 75 | 75 |
| Carrot, Chantenay, Red Cored 5556 | 8369 | S | S | 55 | 55 |
| Carrot, Danvers Half-Long 5564 | 8368 | S | S | 55 | 55 |
| Lettuce, Black Seeded Simpson 6129 | 8370 | S | S | 80 | 80 |
| Lettuce, Grand Rapids 6115 | 8371 | S | S | 80 | 80 |
| Pepper, Large Bell-Sweet Bull Nose 6456 | 8372 | S | S | 55 | 55 |

*As stated on label. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation.

**Sometimes stated on label but is not required if vegetable seed is up to standard.

Note: "S" in this column indicates the sample was satisfactory - up to standard and within the allowable variation from the guarantee. Figures alone indicate the sample was below standard.

/after the figure indicates the sample was up to standard but below guarantee.

New Hampshire Experiment Station
VEGETABLE SEED INSPECTION, 1959

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Found (Note) | Germination Guaranteed** | Germination N.H. Standard |
|---|---|---|---|---|---|
| W. ATLEE BURPEE CO., Philadelphia, Pa. | | | | | |
| Bryant & Lawrence, Tilton | | | | | |
| Beans, Dwarf Horticulture Lot D-109 | 7993 | S | S | 80 | 75 |
| Beans, Pencil Pod Black Wax Lot A-31 | 7992 | S | S | 80 | 75 |
| Peas, Burpee's Blue Bantam Lot D-4 | 7991 | S | S | 80 | 80 |
| Burpee's Flowerland, Manchester | | | | | |
| Onion, Southport Yellow Globe | 7881 | S | S | 75 | 70 |
| Parsnip, Guernsey | 7882 | S | S | 65 | 60 |
| The County Stores, Inc., Milford | | | | | |
| Carrots, Danvers Half-Long | 7856 | S | 50 | 91 | 55 |
| Cucumber, White Spine | 7859 | S | 70.5 | 85 | 80 |
| Lettuce, White Big Boston | 7857 | S | 49 | 80 | 80 |
| Lima Beans, Fordhook Bush | 7855 | S | S | 80 | 70 |
| Peas, Dark Podded Telephone | 7858 | S | S | 85 | 80 |
| Squash, Buttercup | 7854 | S | S | 80 | 75 |
| Merrimack Farmers Exchange, Concord | | | | | |
| Beet, Lutz Green Leaf 4086 | 8053 | S | 54 | 78 | 65 |
| Milligan & Currier, Manchester | | | | | |
| Beans, Pole, Kentucky Wonder 6182 | 7977 | S | S | 80 | 75 |
| Beans, Pole, Kentucky Wonder Wax 5114 | 7978 | S | S | 80 | 75 |
| Beets, Detroit Dark Red | 7972 | S | S | 75 | 65 |
| Corn, Honey Cross | 7976 | S | S | 80 | 75 |
| Parsnip, Hollow Crown | 7973 | S | S | 65 | 60 |
| Pepper, California Wonder | 7975 | S | S | 70 | 55 |
| Squash, Buttercup | 7974 | S | S | 85 | 75 |
| N. H. State Hospital, Concord | | | | | |
| Spinach, Perpetual (Swiss Chard) | 8012 | S | S | 85 | 65 |
| COMSTOCK, FERRE & Co., Wethersfield, Conn. | | | | | |
| Dodge Grain Co., Salem | | | | | |
| Corn, Bantam Evergreen 3072 | 8357 | S | S | 90 | 75 |
| Corn, Golden Bantam 32721 | 8356 | S | S | 90 | 75 |
| Corn, Golden Beauty, 3072 | 8358 | S | S | 90 | 75 |
| Beans, Cherokee Wax, 1-8316 | 8361 | S | S | 90 | 75 |
| Beans, Pencil Pod Black Wax, 1-8294 | 8362 | S | S | 90 | 75 |
| Beans, Stringless Greenpod, 1-42708 | 8360 | S | S | 90 | 75 |
| Peas, World's Record, 3246 | 8359 | S | S | 90 | 80 |
| CROSMAN SEED CORP., E. Rochester, N.Y. | | | | | |
| Montgomery Ward, Claremont | | | | | |
| Beet, Detroit Dark Red Perfected 251 | 8380 | S | S | 75 | 65 |
| Beet, Early Wonder 252 | 8379 | S | S | 75 | 65 |
| Cucumber, Boston Pickling 283 | 8381 | S | S | 85 | 80 |
| Cucumber, Improved Long Green 285 | 8382 | S | S | 85 | 80 |
| Lettuce, Grand Rapids, 324 | 8383 | S | S | 80 | 80 |
| Onion, Yellow Sweet Spanish Riverside Strain | 8384 | S | S | 70 | 70 |
| Parsnip, Harris Model 352 | 8385 | S | S | 75 | 60 |
| Peas, Little Gem or Premium Gem 823 | 8387 | S | S | 85 | 80 |
| Peas, Little Marvel 820 | 8388 | S | S | 90 | 80 |
| Radish, Early Scarlet Globe 364 | 8386 | S | S | 90 | 75 |
| EASTERN STATES FARMERS' EXCHANGE, INC., W. Springfield, Mass. | | | | | |
| Eastern States Farmers' Exchange, Claremont | | | | | |
| Beans, Contender, V-530-2 | 7964 | S | S | 85 | 75 |
| Beans, Soldier, V-783 | 7963 | S | S | 90 | 75 |
| Chard, Fordhook Giant, V-639 | 7955 | S | S | 75 | 65 |
| Cucumber, Ohio MR 17 (Pickling) V-409 | 7960 | S | S | 80 | 80 |
| Cucumber, Straight 8, V-640 | 7961 | S | S | 90 | 80 |
| Lettuce, Great Lakes, V-715 | 7956 | S | S | 90 | 80 |
| Lettuce, Pennlake, V-629 | 7957 | S | S | 90 | 80 |
| Lima Beans, Fordhook 242 Lot V-818 | 7962 | S | 64 | 85 | 70 |
| Radish, Cherry Belle, V-973 | 7958 | S | S | 95 | 75 |
| Radish, Early Scarlet Globe, V-719-M | 7959 | S | S | 85 | 75 |
| Eastern States Farmers' Exchange, Concord | | | | | |
| Cauliflower, Improved Super Snowball, V-772. | 7911 | S | S | 75 | 75 |

*As stated on label. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation.

**Sometimes stated on label but is not required if vegetable seed is up to standard.
Note: "S" in this column indicates the sample was satisfactory - up to standard and within the allowable variation from the guarantee. Figures alone indicate the sample was below standard.
/after the figure indicates the sample was up to standard but below guarantee.

New Hampshire Experiment Station
VEGETABLE SEED INSPECTION, 1959

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Found (Note) | Germination Guaranteed** | Germination N.H. Standard |
|---|---|---|---|---|---|
| EASTERN STATES FARMERS' EXCHANGE, INC., W. Springfield, Mass. (Continued) | | | | | |
| Eastern States Farmers' Exchange, Concord (Continued) | | | | | |
| Peas, Freezonian, V-452 | 7914 | S | S | 90 | 80 |
| Peas, Little Marvel, V-779 | 7912 | S | S | 80 | 80 |
| Peas, Lincoln, V-780 | 7913 | S | S | 90 | 80 |
| Tomato, Solid Red, V-840 | 7910 | S | S | 85 | 75 |
| Tomato, Valiant, V-832 | 7909 | S | S | 90 | 75 |
| Eastern States Farmers' Exchange, Dover | | | | | |
| Beets, Eastern Wonder, V-362 | 7922 | S | S | 75 | 65 |
| Corn, Carmelcross 30.13 (Yellow Hybrid), V-901-R | 7924 | S | S | 90 | 75 |
| Corn, Golden Cross Bantam (Yellow Hybrid), V-904-R | 7923 | S | S | 95 | 75 |
| Corn, Marcross 13.6 (Yellow Hybrid), V-899-R | 7925 | S | S | 90 | 75 |
| Muskmelon, Iroquois, V-799 | 7920 | S | S | 80 | 75 |
| Muskmelon, Hearts of Gold V-666 | 7921 | S | S | 80 | 75 |
| Eastern States Farmers' Exchange, Manchester | | | | | |
| Onion, Utah Valencia, V-760 | 7880 | S | S | 80 | 70 |
| Parsnip, Improved Hollow Crown, V-874 | 7879 | S | S | 85 | 60 |
| Peppers, Early Calwonder, V-388 | 7878 | S | S | 90 | 55 |
| Tomato, Rutgers, V-561-2 | 7877 | S | S | 90 | 75 |
| Eastern States Farmers' Exchange, Milford | | | | | |
| Beans, Long Tendergreen (MR), V-749-1 | 7849 | S | S | 85 | 75 |
| Cabbage, Golden Acre Regular, V-787 | 7846 | S | S | 90 | 75 |
| Peppers, Penn. Wonder, V-251 | 7847 | S | S | 80 | 55 |
| Spinach, Long Standing Bloomsdale, V-440 | 7848 | S | S | 65 | 60 |
| Grafton County Home, N. Haverhill | | | | | |
| Corn, Gold Mine, V-897-C | 8150 | S | S | 90 | 75 |
| Lettuce, Black Seeded Simpson, V-742 | 8148 | S | S | 90 | 80 |
| Muskmelon, Delicious 51, V-712 | 8149 | S | S | 85 | 75 |
| Squash, Blue Hubbard, V-924 | 8151 | S | S | 90 | 75 |
| Laconia State School, Laconia | | | | | |
| Beans, Contender, V-848.1 | 8164 | S | S | 90 | 75 |
| Beans, Pencil Pod Wax, V-751.3 | 8165 | S | S | 90 | 75 |
| Cabbage, Penn. State Ball Head, V-816 | 8158 | S | S | 90 | 75 |
| Corn, Golden Beauty, V-898 | 8160 | S | S | 90 | 75 |
| Cucumber, Wisc. SMR-12-12, Lot V-714 | 8163 | S | S | 90 | 80 |
| Parsnip, Model V-873 | 8159 | S | S | 85 | 60 |
| Peas, World's Record V-890 | 8161 | S | S | 90 | 80 |
| Squash, Early Prolific Straight Neck V-843 | 8157 | S | S | 95 | 75 |
| Turnip, Purple Top White Globe V-746 | 8162 | S | S | 90 | 80 |
| Merrimack County Home, Boscawen | | | | | |
| Carrot, Nantes Long V-865-M | 8261 | S | S | 90 | 55 |
| Corn, Iochief V-905-R | 8259 | S | S | 95 | 75 |
| Cucumber, Fletcher V-971 | 8262 | S | S | 90 | 80 |
| Cucumber, Niagara V-968 | 8260 | S | S | 80 | 80 |
| Radish, Cavalier V-920 | 8263 | S | S | 90 | 75 |
| N. H. State Hospital, Concord | | | | | |
| Carrot, Danvers 126 Lot V-610-M | 8021 | S | S | 95 | 55 |
| Corn, Butter & Sugar V-896-C | 8028 | S | S | 95 | 75 |
| Corn, Sugar & Gold V-895-B | 8029 | S | S | 85 | 75 |
| Squash, Golden Cushaw | 8026 | S | S | 90 | 75 |
| Squash, Golden Delicious V-969 | 8127 | S | S | 90 | 75 |
| Squash, Green Delicious V-952 | 8126 | S | S | 90 | 75 |
| Tomato, F-1 Hybrid V-378-2 | 8129 | S | S | 80 | 75 |
| Tomato, Red Jet V-723 | 8128 | S | S | 75 | 75 |
| N. H. State Prison Farm, Concord | | | | | |
| Beans, Eastern Butter Wax V-851-1 | 8063 | S | S | 90 | 75 |
| Beans, French Horticultural V-663 | 8062 | S | S | 85 | 75 |
| Beans, Tekoa, V-748 | 8061 | S | S | 80 | 75 |
| Corn, Golden Jewel V-900-A | 8064 | S | S | 90 | 75 |

*As stated on label. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation.

**Sometimes stated on label but is not required if vegetable seed is up to standard.

Note: "S" in this column indicates the sample was satisfactory - up to standard and within the allowable variation from the guarantee. Figures alone indicate the sample was below standard.

/after the figure indicates the sample was up to standard but below guarantee.

New Hampshire Experiment Station
VEGETABLE SEED INSPECTION, 1959

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Found (Note) | Germination<br>Guaranteed** | Germination<br>N.H. Standard |
|---|---|---|---|---|---|
| EASTERN STATES FARMERS' EXCHANGE, INC., W. Springfield, Mass. (Continued) | | | | | |
| N.H. State Prison Farm, Concord (Continued) | | | | | |
| Peas, Progress No. 9, V-888 | 8066 | S | S | 85 | 80 |
| FERRY-MORSE SEED CO., Detroit, Michigan | | | | | |
| Curtis Hardware, Berlin | | | | | |
| Cabbage, Danish Ball Head, 439 | 8483 | S | S | 90 | 75 |
| Egg Plant, Black Beauty, 518 | 8485 | S | S | 80 | 60 |
| Lettuce, Black Seeded Simpson, 553 | 8484 | S | S | 85 | 80 |
| Onions, Evergreen Bunching, 612-B | 8482 | S | S | 75 | 70 |
| Pepper, California Wonder, 636 | 8486 | S | S | 75 | 55 |
| Tomato, Bison, 728 | 8481 | S | S | 85 | 75 |
| Merrimack Farmers' Exchange, Concord | | | | | |
| Cabbage, Danish Ball Head, 28877 | 7835 | S | S | 95 | 75 |
| Cucumber, Marketer, 21004 | 7834 | S | S | 94 | 80 |
| Cucumber, Wisconsin, SMR-12 | 7833 | S | S | 94 | 80 |
| Onion, Yellow Globe Danvers, 22385 | 7836 | S | S | 90 | 70 |
| Pumpkin, Sugar or New England Pie, 18120 | 7825 | S | S | 93 | 75 |
| Squash, Butternut, 23381 | 7828 | S | S | 90 | 75 |
| Squash, Buttercup, 23652 | 7829 | S | S | 92 | 75 |
| Squash, Delicious, 88016 | 7827 | S | S | 94 | 75 |
| Squash, Hubbard, 15926 | 7826 | S | S | 94 | 75 |
| Tomato, Bonny Best, 81960 | 7832 | S | S | 88 | 75 |
| N. H. State Hospital, Concord | | | | | |
| Beans, Cherokee Wax Lot 27893 | 8017 | S | S | 85 | 75 |
| Beets, Perfected Detroit Lot 24064 | 8014 | S | S | 88 | 65 |
| J. J. Newberry, Derry | | | | | |
| Asparagus, Mary Washington | 7864 | S | S | 80 | 70 |
| Cucumber, Early White Spine | 7865 | S | S | 90 | 80 |
| Spinach, New Zealand | 7866 | S | S | 85 | 40 |
| J. J. Newberry, Dover | | | | | |
| Beans, Ferry's Plentiful Green Pod (Bush),858 | 7931 | S | S | 75 | 75 |
| Beans, Pencil Pod Wax (Bush), 844 | 7932 | S | S | 75 | 75 |
| Carrots, Danvers Half-Long, 454 | 7933 | S | S | 85 | 55 |
| Parsnip, Hollow Crown, 632 | 7934 | S | S | 80 | 60 |
| J. J. Newberry, Franklin | | | | | |
| Carrot, Red Cored Chantenay | 7989 | S | S | 85 | 55 |
| Radish, Chinese Rose Winter | 7988 | S | S | 90 | 75 |
| Radish, Scarlet Turnip White Tipped | 8031 | S | S | 90 | 75 |
| Tomato, Marglobe | 7990 | S | S | 80 | 75 |
| FREDONIA SEED CO., Fredonia, N. Y. | | | | | |
| Chagnon's Garden Center, Manchester | | | | | |
| Carrot, Gold Pak | 8120 | None | S | .. | 55 |
| Lettuce, Prize Head | 8121 | None | S | .. | 80 |
| Onion, White Bunching | 8122 | None | S | .. | 70 |
| Tomato, Marglobe - Wilt Resistant | 8123 | None | S | .. | 75 |
| Derry Feed & Supply, Derry | | | | | |
| Carrot, Chantenay | 7868 | S | S | 55 | 55 |
| Cucumber, Improved Long Green | 7867 | S | S | 80 | 80 |
| Parsnip, Hollow Crown | 7870 | S | S | 60 | 60 |
| Radish, Early Scarlet Globe | 7869 | S | S | 75 | 75 |
| CHAS. C. HART SEED CO., Wethersfield, Conn. | | | | | |
| First National Store, Nashua | | | | | |
| Beans, Bountiful Stringless | 7875 | S | S | 75 | 75 |
| Beans, Pencil Pod Black Wax | 7874 | S | S | 75 | 75 |
| Cucumber, Improved White Spine | 7873 | S | S | 80 | 80 |
| Peas, Tall Telephone | 7876 | S | S | 80 | 80 |
| Spinach, America, Long Standing Type | 7871 | S | S | 60 | 60 |
| Tomato, Rutgers | 7872 | S | S | 75 | 75 |
| J. Jones & Son, Alton | | | | | |
| Beans, Taylor Hort., 2015 | 8101 | S | S | 85 | 75 |

*As stated on label. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation.

**Sometimes stated on label but is not required if vegetable seed is up to standard.

Note: "S" in this column indicates the sample was satisfactory - up to standard and within the allowable variation from the guarantee. Figures alone indicate the sample was below standard.

/after the figure indicates the sample was up to standard but below guarantee.

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Found (Note) | Germination Guaranteed** | Germination N.H. Standard |
|---|---|---|---|---|---|
| CHAS. C. HART SEED CO., Wethersfield, Conn. (Continued) | | | | | |
| J. Jones & Son, Alton (Continued) | | | | | |
| Beans, Tendergreen, 3162 | 8102 | S | S | .. | 75 |
| Peas, Blue Bantam, 2376-A | 8103 | S | S | 85 | 80 |
| Johnson's Hardware, Lee | | | | | |
| Beans, Soldier | 8238 | S | S | 85 | 75 |
| Corn, Golden Cross Bantam | 8239 | S | S | 85 | 75 |
| Corn, Spancross | 8240 | S | S | 85 | 75 |
| Peas, Laxton's Progress | 8242 | S | S | 85 | 80 |
| Peas, World's Record | 8241 | S | S | 85 | 80 |
| Lewis Brothers Hardware, Lebanon | | | | | |
| Beans, Tendergreen, 3162 | 8301 | S | S | 85 | 75 |
| Beans, Vermont Cranberry, 3143 | 8300 | S | S | 85 | 75 |
| Peas, Dwarf Telephone 2003 | 8303 | S | S | 85 | 80 |
| Peas, Freezonian, 2004 | 8302 | S | S | 80 | 80 |
| Wayne Feed & Supply, Manchester | | | | | |
| Beans, French Dwarf Horticultural #2364 | 8244 | S | S | 85 | 75 |
| Beans, Top Crop #2009 | 8245 | S | S | 85 | 70 |
| Beets, Detroit Dark Red #2681 | 8243 | S | 60 | 77 | 65 |
| Onion, Large Red Wethersfield | 7884 | S | S | 70 | 70 |
| Parsnip, Hollow Crown | 7883 | S | S | 60 | 60 |
| Peas, Freezonian 2318 | 8247 | S | S | 85 | 80 |
| Peas, Thomas Laxton | 8246 | S | S | 85 | 80 |
| Wilbur's Hardware, Concord | | | | | |
| Carrots, Danvers Half-Long Stump Root | 7907 | S | S | 55 | 55 |
| Radish, Cherry Belle | 7906 | S | S | 75 | 75 |
| Rutabaga, American Purple Top, Yellow | 7905 | S | S | 75 | 75 |
| Swiss Chard, Lucullus, Dark Green | 7908 | S | S | 65 | 65 |
| BUDD D. HAWKINS CO. of Reading, Vt., Inc. Wethersfield, Conn. | | | | | |
| Dodge Grocery, New Boston | | | | | |
| Carrot, Danvers Half-Long | 7886 | S | S | 55 | 55 |
| Cucumber, Straight 8 | 7887 | S | S | 80 | 80 |
| Radish, New French Breakfast | 7885 | S | S | 75 | 75 |
| Tomato, Earliana | 7888 | S | S | 75 | 75 |
| H. L. Webster & Sons, Canaan | | | | | |
| Beets, Early Wonder | 8400 | S | S | 65 | 65 |
| Beets, Detroit Dark Red | 8401 | S | S | 65 | 65 |
| Brussels Sprouts, Long Island Improved | 8402 | S | 55 | 70 | 70 |
| Cabbage, Copenhagen Market | 8403 | S | S | 75 | 75 |
| Muskmelon, Lake Champlain | 8404 | S | S | 75 | 75 |
| Onion, Yellow Globe Danvers | 8405 | S | S | 70 | 70 |
| Parsnip, Improved Hollow Crown | 8406 | S | S | 60 | 60 |
| Pepper, World Beater | 8407 | S | S | 55 | 55 |
| Swiss Chard, Lucullus | 8408 | S | S | 65 | 65 |
| Tomato, Rutgers | 8409 | S | S | 75 | 75 |
| Western Auto Associates Store, Franklin | | | | | |
| Beans, Tendergreen Stringless | 7981 | S | S | 75 | 75 |
| Lettuce, Prize Head | 7980 | S | 76 | 80 | 80 |
| Peas, Laxton's Progress | 7982 | S | S | 80 | 80 |
| Rutabaga, American Purple Top, Yellow | 7979 | S | S | 75 | 75 |
| BILLY HEPLER SEED CO., Durham, N. H. | | | | | |
| Billy Hepler Seed Co., Durham | | | | | |
| Beans, Shell, Littleton Horticultural | 8068 | S | S | 90 | 75 |
| Beans, Tiny Green | 8067 | S | S | 90 | 75 |
| Broccoli, Earliest | 8074 | S | S | 90 | 75 |
| Lettuce, Great Lakes | 8072 | S | S | 90 | 80 |
| Muskmelon, Penn. Sweet | 8073 | S | S | 88 | 75 |
| Peas, New Era | 8069 | S | S | 88 | 80 |
| Spinach, Longstanding Bloomsdale | 8070 | S | S | 78 | 60 |
| Tomato, N. H. Victor | 8071 | S | S | 90 | 75 |
| Neal Hardware, Dover | | | | | |
| Carrot, Royal Chantenay | 7930 | S | S | 87 | 55 |

*As stated on label. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation.

**Sometimes stated on label but is not required if vegetable seed is up to standard.

Note: "S" in this column indicates the sample was satisfactory - up to standard and within the allowable variation from the guarantee. Figures alone indicate the sample was below standard.

/after the figure indicates the sample was up to standard but below guarantee.

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Found (Note) | Germination Guaranteed** | Germination N.H. Standard |
|---|---|---|---|---|---|
| BILLY HEPLER SEED CO., Durham, N. H. (Continued) | | | | | |
| Neal Hardware, Dover (Continued) | | | | | |
| Cucumber, Boston Pickling | 7927 | S | S | 91 | 80 |
| Parsnip, Model | 7929 | S | S | 82 | 60 |
| Pepper, Merrimack Wonder | 7926 | S | S | .. | 55 |
| Tomatoes, Marglobe | 7928 | S | S | 89 | 75 |
| N. H. State Industrial School, Manchester | | | | | |
| Beans, Pencil Pod Black Wax | 8223 | S | S | 88 | 75 |
| Beets, Detroit Dark Red | 8232 | S | S | 87 | 65 |
| Cabbage, Danish Ball Head | 8236 | S | S | 90 | 75 |
| Carrot, Long Chantenay | 8234 | S | S | 85 | 55 |
| Corn, Golden Rocket | 8224 | S | S | 95 | 75 |
| Corn, Iochief | 8225 | S | S | 90 | 75 |
| Cucumber, Straight Eight | 8235 | S | S | 90 | 80 |
| Muskmelon, Granite State | 8228 | S | S | 81 | 75 |
| Parsnip, Model | 8227 | S | S | 84 | 60 |
| Radish, Early Scarlet Globe | 8229 | S | S | 90 | 75 |
| Rutabaga, Long Island Improved | 8226 | S | S | 90 | 75 |
| Spinach, American | 8233 | S | S | 80 | 60 |
| Squash, Golden Delicious | 8237 | S | S | 89 | 75 |
| Swiss Chard, Fordhook | 8230 | S | S | 85 | 65 |
| Watermelon, N. H. Midget | 8231 | S | S | 88 | 70 |
| MERRIMACK FARMERS' EXCHANGE, INC., Concord, N.H. | | | | | |
| N. H. State Hospital, Concord | | | | | |
| Beets, Detroit Dark Red, Lot 58-3-B | 8013 | S | S | .. | 65 |
| Carrots, Chantenay, Lot 108-3-K1 | 8022 | S | S | .. | 55 |
| Corn, Golden Cross Bantam, Lot 39-3-C | 8030 | S | S | .. | 75 |
| Cucumber, Marketer, Lot 121-F-C | 8023 | S | S | .. | 80 |
| Cucumber, Wisconsin SMR 12, Lot 119-F-C | 8024 | S | S | .. | 80 |
| Parsnip, Hollow Crown, Lot 145-3-C | 8027 | S | S | .. | 60 |
| Peas, Dwarf Telephone | 8018 | S | S | .. | 80 |
| Peas, Laxton's Progress, Lot 48-3-C | 8020 | S | S | .. | 80 |
| Rutabaga Turnip, American Yellow, Lot 175-3-C | 8025 | S | S | .. | 75 |
| Merrimack Farmers' Exchange, Epping | | | | | |
| Beans, Contender, Lot 06-F-C | 8286 | S | S | .. | 75 |
| Beans, Yellow Eye, State of Maine, Lot 23-4-C | 8285 | S | S | .. | 75 |
| Beans, Trout, Lot 20-4-C | 8287 | S | S | .. | 75 |
| Carrot, Chantenay Red Cored, Lot 108-3-C | 8284 | S | S | .. | 55 |
| Carrot, Nantes Golden Beauty, Lot 113-3-C | 8283 | S | S | .. | 55 |
| Merrimack Farmers' Exchange, Exeter | | | | | |
| Muskmelon, Benders's Surprise, Lot 139-3-B | 8280 | S | S | .. | 75 |
| Muskmelon, Delicious, Lot 140-3-D | 8279 | S | S | .. | 75 |
| Radish, Cherry Belle, Lot 149-F-C | 8281 | S | S | .. | 75 |
| Spinach, America, Lot 152-3-C | 8278 | S | S | .. | 60 |
| Spinach, Bloomsdale Savoy Long Standing, Lot 153-3-C | 8277 | S | S | .. | 60 |
| Merrimack Farmers' Exchange, Henniker | | | | | |
| Corn, Earligold, Lot 43-3-D | 8273 | S | S | .. | 75 |
| Corn, Gold Crest, Lot 33-F-B | 8274 | S | S | .. | 75 |
| Cucumber, Straight 8, Lot 123-3-C | 8269 | S | S | .. | 80 |
| Egg Plant, N. H. Hybrid, Lot 125-3-C | 8272 | S | S | .. | 60 |
| Lettuce, Premier Great Lakes, Lot 133-3-C | 8270 | S | S | .. | 80 |
| Swiss Chard, Lucullus, Lot 62-3-B | 8271 | S | S | .. | 65 |
| Watermelon, Merrimack Sweetheart, Lot 177-0-C | 8268 | S | S | .. | 70 |
| Merrimack Farmers' Exchange, Laconia | | | | | |
| Cabbage, Early Round Dutch, Lot 103-F-E | 8410 | S | S | .. | 75 |
| Cabbage, Red Ac e, Lot 105-3-D | 8411 | S | S | .. | 75 |
| Celery, Summer Pascal, Lot 115-3-D | 8412 | S | S | .. | 55 |
| Dandelion, Arlington Thick Leaf, Lot 124-3-A | 8413 | S | S | .. | 45 |
| Kohl Rabi, White Vienna, Lot 129-3-D | 8414 | S | S | .. | 75 |
| Squash, Baby Blue Hubbard, Lot 156-0-A | 8415 | S | S | .. | 75 |
| Squash, Warren Turban, Lot 169-10-D | 8416 | S | S | .. | 75 |
| Watermelon, Early Bird, Lot 180-3-D | 8417 | S | S | .. | 70 |
| Merrimack Farmers' Exchange, Pittsfield | | | | | |
| Beans, Goddard Bush Shell, Lot 1-H-C | 8366 | S | S | .. | 75 |

*As stated on label. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation.

**Sometimes stated on label but is not required if vegetable seed is up to standard.

Note: "S" in this column indicates the sample was satisfactory - up to standard and within the allowable variation from the guarantee. Figures alone indicate the sample was below standard.

/after the figure indicates the sample was up to standard but below guarantee.

New Hampshire Experiment Station
VEGETABLE SEED INSPECTION, 1959

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Found (Note) | Germination Guaranteed** | Germination N.H. Standard |
|---|---|---|---|---|---|
| MERRIMACK FARMERS' EXCHANGE, INC., Concord, N.H. (Continued) | | | | | |
| Merrimack Farmers' Exchange, Pittsfield (Continued) | | | | | |
| Beans, White Pea, Lot 21-3-C | 8365 | S | S | .. | 75 |
| Beans, Soldier, Lot 7-4-C | 8364 | S | S | .. | 75 |
| Squash, Green Hubbard, Lot 167-F-C | 8399 | S | S | .. | 75 |
| Squash, Table Queen, Lot 168-3-B | 8363 | S | S | .. | 75 |
| Merrimack Farmers' Exchange, Plymouth | | | | | |
| Corn, Victory Golden, Lot 423D | 8187 | S | S | .. | 75 |
| Corn, Golden Beauty, Lot 41FC | 8186 | S | S | .. | 75 |
| Muskmelon, Delicious 51, Lot 140-3-C | 8191 | S | S | .. | 75 |
| Muskmelon, Granite State, Lot 141-10-E | 8190 | S | S | .. | 75 |
| Pepper, Merrimack Wonder, Lot 146-6-E | 8192 | S | S | .. | 55 |
| Squash, Blue Hubbard Colby Strain, Lot 157-1-C | 8193 | S | S | .. | 75 |
| Tomato, Home Garden (Early Catham) Lot 171-5-A | 8189 | S | S | .. | 75 |
| Tomato, New Hampshire Victor, Lot 173-0-C | 8188 | S | S | .. | 75 |
| NORTHRUP, KING & CO., Minneapolis, Minn. | | | | | |
| Mammoth Mills, Manchester | | | | | |
| Cabbage, Drumhead Savoy, 118 | 8398 | S | S | 75 | 75 |
| Carrot, Chantenay, 145 | 8396 | S | S | 55 | 55 |
| Carrot, Danvers Half-Long (Improved Red Cored Strain), 146 | 8397 | S | S | 55 | 55 |
| Lettuce, Black Seeded Simpson, 235 | 8395 | S | S | 80 | 80 |
| Lettuce, Grand Rapids, 242 | 8394 | S | S | 80 | 80 |
| Onion, Large White Globe, 356 | 8393 | S | S | 70 | 70 |
| Onion, Sweet Spanish, 342 | 8392 | S | S | 70 | 70 |
| Radish, Early Scarlet Globe, 463 | 8391 | S | S | 75 | 75 |
| Radish, White Icicle, 479 | 8390 | S | S | 75 | 75 |
| Tomato, Bonny Best, 532 | 8389 | S | S | 75 | 75 |
| PAGE SEED COMPANY, Greene, N. Y. | | | | | |
| E. W. Bailey & Co., Inc., Colebrook | | | | | |
| Brussels Sprouts, Long Island Improved | 8488 | S | S | 70 | 70 |
| Cabbage, Early Jersey Wakefield | 8489 | S | 55 | 75 | 75 |
| Carrot, Danver's Half-Long | 8490 | S | S | 70 | 55 |
| Carrot, Nantes Coreless | 8495 | S | S | 65 | 55 |
| Cucumber, Davis' Perfect | 8496 | S | S | 85 | 80 |
| Lettuce, Black Seeded Simpson | 8487 | S | S | 80 | 80 |
| Muskmelon, Extra Early Hackensack | 8494 | S | S | 75 | 75 |
| Radish, Early Scarlet Turnip | 8493 | S | S | 80 | 75 |
| Radish, White Icicle | 8492 | S | S | 80 | 75 |
| Swiss Chard, Lucullus | 8491 | S | S | 75 | 65 |
| Barton's Store, Salisbury | | | | | |
| Corn, Golden Bantam, B-7-3858 | 8124 | S | S | 87 | 75 |
| Peas, World's Record, C-20-1258 | 8125 | S | S | 90 | 80 |
| Checkerboard Feed Store, Nashua | | | | | |
| Carrot, Long Orange | 7904 | S | 47.5 | 65 | 55 |
| Cucumber, Long Green | 7903 | S | S | 85 | 80 |
| Parsnip, Hollow Crown | 7901 | S | S | 65 | 60 |
| Tomato, Marglobe | 7902 | S | S | 75 | 75 |
| Conrad Farm & Home Supply, Rochester | | | | | |
| Beet, Detroit, Dark Red, D8-7558 | 8106 | S | S | .. | 65 |
| Carrot, Imperator, F12-1458 | 8105 | S | S | .. | 55 |
| Cucumber, Improved White Spine, F12-1458 | 8104 | S | S | .. | 80 |
| Follansbee Feed Store, Lebanon | | | | | |
| Beans, Dwarf Taylor Horticultural, A-18 7359. | 8210 | S | S | 85 | 75 |
| Beans, Pencil Pod Black Wax, A-631258 | 8209 | S | S | 80 | 75 |
| Beans, Stringless Green Pod, A73-3858 | 8205 | S | S | 86 | 75 |
| Corn, Extra Early Bantam, B12-3856 | 8211 | S | S | 88 | 75 |
| Peas, Dwarf Telephone, C9-3858 | 8208 | S | S | 84 | 80 |
| Peas, Dark Podded Telephone, C2-3859 | 8207 | S | S | 88 | 80 |
| Peas, Little Marvel, C17-3859 | 8206 | S | S | 88 | 80 |
| Presto Grain Co., Claremont | | | | | |
| Corn, Marcross, B37-5858 | 8349 | S | S | 90 | 75 |
| Corn, Gold Rush Hybrid, B27-3859 | 8350 | S | S | 90 | 75 |

*As stated on label. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation.

**Sometimes stated on label but is not required if vegetable seed is up to standard.

Note: "S" in this column indicates the sample was satisfactory - up to standard and within the allowable variation from the guarantee. Figures alone indicate the sample was below standard.

/after the figure indicates the sample was up to standard but below guarantee.

New Hampshire Experiment Station
VEGETABLE SEED INSPECTION, 1959

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Found | Germination<br>Guaranteed** | Germination<br>N.H. Standard |
|---|---|---|---|---|---|
| | | | (Note) | | |
| PAGE SEED COMPANY, Greene, N. Y. (Continued) | | | | | |
| Presto Grain Co., Claremont (Continued) | | | | | |
| Peas, Wando | 8351 | S | S | 88 | 80 |
| RANDOLPH SEED CO., INC., E. Randolph, N.Y. | | | | | |
| Lancaster Fruit Co., Lancaster | | | | | |
| Asparagus, Mary Washington | 8466 | S | S | .. | 70 |
| Beans, Bush,Burpee's Stringless Green Pod | 8471 | S | S | .. | 75 |
| Beans, Bush, Golden Wax | 8472 | S | S | .. | 75 |
| Cabbage, Late Flat Dutch | 8467 | S | S | .. | 75 |
| Cabbage, Savoy Verze | 8468 | S | S | .. | 75 |
| Corn, Golden Cross Bantam | 8470 | S | 64 | .. | 75 |
| Cucumber, Improved Long Green | 8474 | S | S | .. | 80 |
| Cucumber, Improved White Spine | 8473 | S | S | .. | 80 |
| Lettuce, Black Seeded Simpson | 8476 | S | S | .. | 80 |
| Lettuce, Romaine or Cos | 8475 | S | S | .. | 80 |
| Onion, Red Wethersfield | 8469 | S | 55 | .. | 70 |
| Radish, Long Scarlet | 8464 | S | S | .. | 75 |
| Radish Scarlet Globe | 8462 | S | S | .. | 75 |
| Radish, Sparkler | 8463 | S | S | .. | 75 |
| Rutabaga, American Purple Top | 8465 | S | S | .. | 75 |
| Lafayette Automotive Store, Littleton | | | | | |
| Beet, Early Blood Turnip | 8373 | S | S | .. | 65 |
| Carrot, Danvers Half-Long | 8374 | S | S | .. | 55 |
| Carrot, Red Core Chantenay | 8375 | S | S | .. | 55 |
| Cucumber, Early Cluster (Pickle) | 8376 | S | S | .. | 80 |
| Lettuce, Prize Head | 8377 | S | S | .. | 80 |
| Onion, White Bunching | 8378 | S | S | .. | 70 |
| J. B. RICE, JR., INC., Shushan, N. Y. | | | | | |
| Gagnes' Market, Belmont | | | | | |
| Carrot, Chantenay | 7994 | S | S | .. | 55 |
| Cucumber, Improved Long Green | 7998 | S | S | .. | 80 |
| Cucumber, Straight 8 | 7999 | S | S | .. | 80 |
| Lettuce, Early Curled Simpson | 7996 | S | S | .. | 80 |
| Lettuce, Slobolt | 7997 | S | S | .. | 80 |
| Radish, Early Scarlet White Tip | 8000 | S | S | .. | 75 |
| Radish, White Icicle | 8001 | S | S | .. | 75 |
| Tomato, Rutgers | 7995 | S | S | .. | 75 |
| North Country Hardware, Littleton | | | | | |
| Beans, Kentucky Wonder | 8306 | S | S | 76 | 75 |
| Beans, Pencil Pod Black Wax | 8307 | S | S | 90 | 75 |
| Beets, Detroit Dark Red | 8311 | S | 70 | 85 | 65 |
| Carrot, Danvers Half-Long | 8305 | S | S | 89 | 55 |
| Corn, Golden Bantam | 8304 | S | S | 70 | 75 |
| Peas, Laxton's Progress | 8310 | S | 70 | 83 | 80 |
| Peas, Tall Telephone | 8308 | S | S | 90 | 80 |
| Peas, Topper | 8309 | S | S | 80 | 80 |
| JEROME B. RICE, Cambridge, N. Y. | | | | | |
| Rockingham Feed & Supply Co., Exeter | | | | | |
| Carrots, Imperator | 7893 | S | S | 55 | 55 |
| Onion, Yellow Globe Danvers | 7896 | S | S | 70 | 70 |
| Parsnips, Hollow Crowned | 7894 | S | S | 65 | 60 |
| Tomato, Rutgers | 7895 | S | S | 80 | 75 |
| ROBSON SEED FARM, Hall, N. Y. | | | | | |
| Merrimack Farmers' Exchange, Inc., Bow | | | | | |
| Corn, Hybrid, Seneca "60", 1139 | 7800 | S | S | 98 | 75 |
| SEARS, ROEBUCK & CO., Chicago, Ill. | | | | | |
| Sears, Roebuck & Co., Concord | | | | | |
| Cabbage, Copenhagen Market | 7971 | S | S | 80 | 75 |
| Carrot, Danvers | 7970 | S | S | 55 | 55 |
| Lettuce, Black Seed Simpson | 7969 | S | S | 85 | 80 |
| Onion, Yellow Globe Danvers | 7965 | S | S | 70 | 70 |
| Parsnip, Hollow Crown | 7966 | S | S | 65 | 60 |
| Radish, Crimson Giant | 7967 | S | S | 80 | 75 |
| Tomato, Marglobe | 7968 | S | S | 80 | 75 |

*As stated on label. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation.

**Sometimes stated on label but is not required if vegetable seed is up to standard.

Note: "S" in this column indicates the sample was satisfactory - up to standard and within the allowable variation from the guarantee. Figures alone indicate the sample was below standard.

/after the figure indicates the sample was up to standard but below guarantee.

New Hampshire Experiment Station
VEGETABLE SEED INSPECTION, 1959

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Found | Germination | |
|---|---|---|---|---|---|
| | | | | Guaranteed** | N.H. Standard |
| | | | (Note) | | |
| **F. B. SPAULDING CO., Lancaster, N. H.** | | | | | |
| F. B. Spaulding Co., Lancaster | | | | | |
| Beans, Bountiful | 8442 | S | S | 85 | 75 |
| Beans, Dwarf Horticultural | 8443 | S | S | 88 | 75 |
| Beans, Pencil Pod Black Wax | 8441 | S | S | 85 | 75 |
| Beans, Top Notch, Golden Wax | 8440 | S | 71 | 75 | 75 |
| Beets, Detroit Dark Red | 8444 | S | S | 80 | 65 |
| Corn, Spancross Hybrid | 8438 | S | S | 85 | 75 |
| Corn, Golden Sunshine | 8439 | S | S | 86 | 75 |
| Peas, Dwarf Telephone | 8437 | S | S | 85 | 80 |
| Peas, Tall Telephone | 8435 | S | S | 85 | 80 |
| Peas, World's Record | 8436 | S | S | 85 | 80 |
| Squash, Buttercup | 8445 | S | S | 78 | 75 |
| **VAUGHAN'S SEED CO., New York, N. Y.** | | | | | |
| New London Florists, New London | | | | | |
| Carrot, Sweetheart | 8142 | None | S | .. | 55 |
| Cucumber, Boston Pickling | 8140 | None | S | .. | 80 |
| Radish, Champion | 8141 | None | S | .. | 75 |
| Tomato, Pritchard | 8139 | None | S | .. | 75 |
| **F. H. WOODRUFF & SONS, Milford, Conn.** | | | | | |
| Elm City Grain Co., Keene | | | | | |
| Beans, Golden Wax, 9130 | 8007 | S | S | 90 | 75 |
| Beets, Early Wonder | 8008 | S | S | 90 | 65 |
| Carrot, Long Orange Improved | 8002 | S | S | 64 | 55 |
| Corn, Golden Bantam, 73507 | 8010 | S | S | 88 | 75 |
| Cucumber, Long Green Improved, 1-8175 | 8003 | S | S | 85 | 80 |
| Lettuce, Big Boston, 93449 | 8011 | S | S | 90 | 80 |
| New Zealand Spinach | 8009 | S | S | 60 | 40 |
| Peas, Improved Telephone, 97086 | 8006 | S | S | 85 | 80 |
| Squash, Early Summer Crookneck | 8004 | S | S | 90 | 75 |
| Swiss Chard, Lucullus | 8005 | S | S | 80 | 65 |
| Farmers' Feed & Supply, Berlin | | | | | |
| Beans, Burpee's Stringless Green Pod, 0926 | 8450 | S | S | 90 | 75 |
| Beets, Detroit Dark Red, 1-826A | 8453 | S | S | 80 | 65 |
| Corn, Golden Sunshine, 93526 | 8452 | S | S | 90 | 75 |
| Peas, Gradus, 7335 | 8451 | S | S | 85 | 80 |
| Farmers' Feed & Supply, Colebrook | | | | | |
| Carrots, Danvers Half-Long | 8428 | S | S | 78 | 55 |
| Cucumbers, Straight Eight, 1-8198 | 8429 | S | S | 90 | 80 |
| Peas, Dwarf Telephone | 8431 | S | S | 80 | 80 |
| Spinach, Bloomsdale Savoy, 50937 | 8430 | S | S | 74 | 60 |
| Squash, Green Hubbard, 77318 | 8427 | S | S | 90 | 75 |
| Farmers' Feed & Supply, Lancaster | | | | | |
| Beans, Dwarf Horticultural, 1-8229 | 8423 | S | S | 90 | 75 |
| Beans, Kentucky Wonder, 5404 | 8424 | S | S | 90 | 75 |
| Peas, Laxtonian, 97090-2 | 8425 | S | S | 90 | 80 |
| Granite State Grain Store, Hillsboro | | | | | |
| Beet, Crosby's Egyptian | 8096 | S | S | 80 | 65 |
| Corn, Improved Spancross C13.3 | 8097 | S | S | 90 | 75 |
| Peas, Thomas Laxton, 5866D | 8095 | S | S | 87 | 80 |
| Merrimack Farmers' Exchange, Concord | | | | | |
| Beans, Brittle Wax, 96217 | 7821 | S | S | 90 | 75 |
| Beans, Burpee's Stringless Greenpod (0-9186) | 7820 | S | S | 90 | 75 |
| Beans, Dark Red Kidney, 49443 | 7823 | S | S | 89 | 75 |
| Beans, Dwarf Hort. Long Pole, 1-9147 | 7805 | S | S | 90 | 75 |
| Beans, Kentucky Wax, 8175 | 7822 | S | S | 90 | 75 |
| Beans, Kentucky Wonder Pole, 1-816755 | 7804 | S | S | 85 | 75 |
| Beans, Kinghorn Wax, 0-9207-C | 7816 | S | S | 85 | 75 |
| Beans, Pencil Pod Black Wax, 08336 | 7802 | S | S | 98 | 75 |
| Beans, Pencil Pod Black Wax, 76382 | 7818 | S | S | 90 | 75 |
| Beans, Tenderlong, 0-9231C | 7803 | S | S | 90 | 75 |
| Beets, Crosby's Egyptian, P.6507 | 7768 | S | S | 65 | 65 |
| Beets, Detroit Dark Red, 1-98 | 7770 | S | 65/ | 80 | 65 |
| Beets, Early Wonder, 51344 | 7771 | S | S | 85 | 65 |
| Beets, Winter Keeper, 9-889 | 7769 | S | 41 | 80 | 65 |
| Brussels Sprouts, L. I. Improved, 1-99 | 7799 | S | S | 90 | 70 |

*As stated on label. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation.

**Sometimes stated on label but is not required if vegetable seed is up to standard.

Note: "S" in this column indicates the sample was satisfactory - up to standard and within the allowable variation from the guarantee. Figures alone indicate the sample was below standard.

/after the figure indicates the sample was up to standard but below guarantee.

New Hampshire Experiment Station
VEGETABLE SEED INSPECTION, 1959

| Name and Address of Wholesaler<br>Name and Address of Dealer<br>or Place Collected<br>Kind of Seed | Sample No. | Date Tested* | Found (Note) | Germination Guaranteed** | Germination N.H. Standard |
|---|---|---|---|---|---|
| F. H. WOODRUFF & SONS, Milford, Conn. (Continued) | | | | | |
| Merrimack Farmers' Exchange, Concord(Continued) | | | | | |
| Cabbage, Golden Acre, 48452A | 7798 | S | S | 85 | 75 |
| Carrot, Danvers, Half-Long, 1-631 | 7774 | S | S | 75 | 55 |
| Carrot, Imperator, 51346 | 7773 | S | S | 55 | 55 |
| Cauliflower, Early Snowball, 1-862 | 7795 | S | S | 80 | 75 |
| Corn, Carmelcross, 53540A | 7806 | S | S | 85 | 75 |
| Corn, Golden Bantam, Extra Early | 7830 | S | S | 90 | 75 |
| Corn, Golden Early Market, 49232 | 7808 | S | S | 85 | 75 |
| Corn, Golden Cross Bantam, 53512-140 | 7801 | S | S | 85 | 75 |
| Corn, Golden Sunshine, 93526 | 7831 | S | S | 90 | 75 |
| Corn, Marcross, 53521A | 7807 | S | S | 90 | 75 |
| Cucumber, Improved White Spine, 1-8157 | 7786 | S | S | 80 | 80 |
| Endive, Deep Heart, 77033 | 7792 | S | S | 80 | 70 |
| Endive, Green Curled, 97018 | 7791 | S | S | 80 | 70 |
| Lettuce, Boston Curled, 73437 | 7785 | S | S | 85 | 80 |
| Lettuce, Early Prize Head, 73442 | 7784 | S | S | 90 | 80 |
| Lettuce, Oakleaf, 97165 | 7783 | S | S | 90 | 70 |
| Lima Beans, Fordhook, 97255 | 7824 | S | S | 90 | 70 |
| New Zealand Spinach, 51158 | 7787 | S | S | 50 | 40 |
| Onion, Southport White Globe, 73426 | 7790 | S | S | 90 | 70 |
| Parsley, Moss Curled, 97062 | 7794 | S | S | 68 | 60 |
| Parsnip, Hollow Crown, 9-921 | 7772 | S | S | 75 | 60 |
| Peas, Dwarf Telephone, 97099 | 7810 | S | S | 88 | 80 |
| Peas, Freezonian, 5-812 | 7815 | S | S | 85 | 80 |
| Peas, Laxton's Progress, 0-88 | 7819 | S | S | 85 | 80 |
| Peas, Laxtonian, 9082 | 7812 | S | S | 89 | 80 |
| Peas, Laxtonian, 50691 | 7813 | S | S | 90 | 80 |
| Peas, Little Marvel, 48022 | 7811 | S | S | 85 | 80 |
| Peas, Tall Telephone Improved, 1-856 | 7809 | S | S | 90 | 80 |
| Peas, Thomas Laxton, 5-865 | 7817 | S | S | 90 | 80 |
| Peas, World's Record, 7335 | 7814 | S | S | 90 | 80 |
| Pumpkin, Connecticut Field, 9-976 | 7779 | S | S | 90 | 75 |
| Pumpkin, Jack-O-Lantern, 9-976 | 7777 | S | S | 90 | 75 |
| Pumpkin, Sugar, 57285 | 7778 | S | S | 90 | 75 |
| Radish, Scarlet Globe, 2-522 | 7796 | S | S | 90 | 75 |
| Radish, White Icicle | 7797 | S | S | 90 | 75 |
| Rutabaga, American Purple Top, 51387 | 7775 | S | S | 80 | 75 |
| Spinach, King of Denmark, 49119 | 7788 | S | S | 70 | 60 |
| Squash, Early Prolific Straightneck, 1-5123 | 7781 | S | S | 75 | 75 |
| Squash, Early Summer Crookneck, 51384 | 7782 | S | S | 80 | 75 |
| Squash, Golden Delicious | 7780A | S | 47 | 85 | 75 |
| Squash, Golden Delicious, 9-477 | 7780 | S | 44 | 85 | 75 |
| Tomato, Marglobe, 7-933 | 7789 | S | S | 85 | 75 |
| Turnip, Purple Top White Globe, 4-610 | 7776 | S | S | 90 | 80 |
| Watermelon, New Hampshire Midget, 1-8263C | 7793 | S | S | 90 | 70 |
| N. H. State Hospital, Concord | | | | | |
| Beans, Cherokee Wax, 76360 | 8015 | S | S | 90 | 75 |
| Beans, Contender, 26482 | 8016 | S | S | 90 | 75 |
| Peas, World's Record, 7335 | 8019 | S | S | 90 | 80 |
| Wirthmore Stores, Tilton | | | | | |
| Corn, Golden Cross Bantam | 8220 | S | S | 90 | 75 |
| Lettuce, Grand Rapids | 8219 | S | S | 86 | 80 |
| Parsnip, Hollow Crown | 8218 | S | 29 | 76 | 60 |
| Peas, Blue Bantam | 8221 | S | S | 90 | 80 |
| Peas, Little Marvel | 8222 | S | S | 84 | 80 |
| Pumpkin, Small Sugar | 8217 | S | S | 90 | 75 |
| WOODRUFF'S TRIPLE "T" SEEDS, INC., Wethersfield,Conn. | | | | | |
| Hampton Hardware, Hampton | | | | | |
| Beets, Detroit Dark Red | 7898 | S | S | 65 | 65 |
| Carrot, Danvers Half-Long | 7899 | S | S | 55 | 55 |
| Radish, Early White Tipped Scarlet | 7900 | S | S | 75 | 75 |
| Tomato, Bonny Best | 7897 | S | 65.5 | 75 | 75 |

*As stated on label. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation.

**Sometimes stated on label but is not required if vegetable seed is up to standard.

Note: "S" in this column indicates the sample was satisfactory - up to standard and within the allowable variation from the guarantee. Figures alone indicate the sample was below standard.

/after the figure indicates the sample was up to standard but below guarantee.